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November 7, 2002

Project 184 Collaborative:

Re: Boatable Days Analysis

We have been requested to provide an analysis of the effect of Project 184 operations on whitewater boatable days in comparison to the unimpaired flows. While this subject was covered in the Application for License, we have updated it using the recently developed project hydrologic model and can now provide comparisons to both the operational scenario contained in the Application ("2b" model scenario), the recent USFS 4(e) operational scenario and the unimpaired state.

We have used Mr. Gangemi's letter to the Collaborative dated September 20, 2002 as a basis of boatable flow volumes for each whitewater run and modeled the three scenarios. Note that because of the way that the model is constructed, we had to split the Lover's Leap run into an upper and lower section at the Pyramid Creek confluence node, for purposes of modeling. The results are provided in both tabular and graphic form.

This information is the same as the pdf file sent yesterday but due to errors in file creation, it was unusable to many recipients. We apologize for the inconvenience.

Sincerely Yours,

A handwritten signature in black ink, appearing to read "Richard Floch". The signature is stylized and fluid.

Richard Floch
Richard Floch & Associates

September 20, 2002

Scott Shewbridge
El Dorado Irrigation District
2890 Mosquito Road
Placerville, CA 95667
530-622-4513

Dear Mr. Shewbridge:

Thank you for your response letter dated August 14, 2001. In our July 22, 2002 letter, American Whitewater requested information on the following:

1. List and copy of Recreation Studies completed thus far
2. Map of project facilities and project boundary
3. Copy of regulated and unimpaired hydrologic analysis for Silver Fork and South Fork American River upstream of EID powerhouse and downstream of powerhouse.
4. Map of river and reservoir recreation access sites maintained by EID within the project boundary including the Silver Fork and South Fork American including headwater reservoirs.

Your response directed American Whitewater to review the Application for License for the El Dorado Project as well as the website for the collaborative group. American Whitewater has never received a copy of the Application for License for this hydropower project. Please forward a copy of the license for our review. We look forward to receiving the CD with the hydrologic data.

Specifically, American Whitewater requests that EID conduct a comparative analysis of the hydrologic data to assess the number of boatable days for respective whitewater reaches under current project operations compared to the pre-project hydrograph. EID should group unimpaired and regulated hydrologic data into water year types (dry, average, and wet) as already defined by the collaborative. This definition should comply with state standards for the watershed. For the three respective water year types, EID should calculate the average number of days per month of whitewater opportunities for the respective river reaches under unimpaired and regulated flow conditions. EID's comparative hydrologic analysis of boatable days should be provided in tabular format. These whitewater reaches include the following: South Fork American--Lovers Leap, Kyburz run, Riverton to Peavine, and Golden Gate; South Silver Fork of American—Dugald Bremner Run and the Lower Run (see attached map for locations).

American Whitewater has provided the tentative flow ranges for the respective whitewater reaches (see attached). These recommendations remain tentative since EID failed to conduct a quantitative study to identify specific flow ranges for the respective reaches. American Whitewater has not received a copy of the web based survey conducted for this project. Furthermore, survey based methodologies are not as reliable as controlled flow methods particularly when users do not have reliable access to flow information or the ability to compare the experience at one flow to another flow.

Lastly, American Whitewater has reservations regarding participation in this collaborative process. To be frank, this relicensing proceeding has had several false starts. Furthermore, the FERC recently denied a request to grant an extension of time for the collaborative to proceed. Based on this FERC order, American Whitewater questions the value of participating in this collaborative. Please provide us with a timeline for this collaborative to reach settlement and a key list of resource issues that will be resolved in the PM&Es with particular emphasis on whitewater mitigation and instream flow enhancements.

Sincerely,

John T. Gangemi
Conservation Director, American Whitewater

CC: Sue Norman
Mike Bean
Chuck Bonham
Julie Mitchell
Chris Shackleton
Justin States
Peter Spiers

South Fork American Runs: Tentative Flow Recommendations and Access points

Lovers Leap Length: 9.6 miles
Class V Flows: 500-1500cfs
Put In: Strawberry Take Out: Kyburz

Kyburz to Whitehall Length: 6 miles
Class IV+ Flows: 700-3200cfs
Put In: Kyburz Take Out: Whitehall

Whitehall to Riverton Length: 3.6 miles
Class III Flows: 700-1200cfs
Put In: Whitehall Take Out: Riverton Bridge

Riverton to Peavine Length: 3.5 miles
Class III-IV Flows: 700-4000cfs
Put In: Riverton Bridge Take Out: Peavine Ridge Road, Pacific House

Golden Gate Length: 9.4 miles
Class V Flows: 500-1800cfs
Put In: Peavine Ridge Road, Pacific House Take Out: Forebay Road, Pollock Pines

Silver Fork Runs:

Dugald Bremner Run Length: 3.5 miles
Class V Flows: 400-800cfs
Put In: Upper Bridge Take Out: Girard Creek

Lower Run Length: 3.3 miles
Class V Flows: 350-750cfs
Put In: China Flat Campground Take Out: Confluence with SF American near
Kyburz

Boatable Days at Dgld Brmner Run (arc 180.183)

1=flow within prescribed range 0=outside prescribed range
 Flow Range: 400- 800 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	0	21	7	0	0	0	28
1973	0	0	1	0	0	0	6	19	10	0	0	0	36
1974	0	2	1	3	0	0	1	18	17	2	0	0	44
1975	0	0	0	0	0	0	0	11	12	0	0	0	23
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	1	1	25	19	0	0	0	46
1979	0	0	0	1	0	0	4	14	7	0	0	0	26
1980	0	0	0	3	2	0	14	17	26	5	0	0	67
1981	0	0	0	0	0	0	6	6	0	0	0	0	12
1982	0	3	1	0	2	0	17	17	29	0	0	0	69
1983	2	0	0	0	0	2	0	6	0	12	0	0	22
1984	0	4	4	0	0	0	0	18	7	0	0	0	33
1985	0	0	0	0	0	0	10	14	0	0	0	0	24
1986	0	0	0	1	2	5	14	20	15	0	0	0	57
1987	0	0	0	0	0	0	4	3	0	0	0	0	7
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	6	18	13	2	0	0	0	39
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	1	0	8	6	0	0	0	15
1992	0	0	0	0	0	0	3	0	0	0	0	0	3
1993	0	0	0	0	0	3	5	16	23	0	0	0	47
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	1	0	8	2	19	11	12	0	0	53
1996	0	0	0	0	1	0	12	25	10	0	0	0	48

Boatable Days at Lower Run (arc 187.188)

1=flow within prescribed range 0=outside prescribed range
 Flow Range: 350- 750 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	24	11	16	10	0	0	0	61
1973	0	0	4	2	0	0	12	3	10	0	0	0	31
1974	0	7	2	5	0	15	28	5	9	1	0	0	72
1975	0	0	0	0	0	0	0	3	13	3	0	0	19
1976	0	0	0	0	0	0	0	16	0	0	0	0	16
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	11	20	5	15	4	0	0	55
1979	0	0	0	1	0	0	14	4	13	0	0	0	32
1980	0	0	0	5	11	0	5	12	24	10	0	0	67
1981	0	0	0	0	0	0	11	27	2	0	0	0	40
1982	0	5	10	0	8	23	0	0	18	8	0	0	72
1983	2	0	2	1	0	24	14	14	0	17	0	1	75
1984	0	12	6	12	0	18	27	5	18	0	0	0	98
1985	0	0	0	0	0	0	19	26	0	0	0	0	45
1986	0	0	0	2	2	19	16	7	18	0	0	0	64
1987	0	0	0	0	0	0	19	17	0	0	0	0	36
1988	0	0	0	0	0	0	1	0	0	0	0	0	1
1989	0	0	0	0	0	17	12	23	16	0	0	0	68
1990	0	0	0	0	0	0	29	13	3	0	0	0	45
1991	0	0	0	0	0	1	1	24	14	0	0	0	40
1992	0	0	0	0	0	0	24	9	0	0	0	0	33
1993	0	0	0	1	0	13	24	0	21	8	0	0	67
1994	0	0	0	0	0	0	9	7	0	0	0	0	16
1995	0	0	0	4	0	10	23	3	0	18	0	0	58
1996	0	0	3	0	17	22	16	1	9	0	0	0	68

Boatable Days at Lover's Leap Run (arc 130.133)

1=flow within prescribed range 0=outside prescribed range
 Flow Range: 500-1500 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	8	0	0	0	0	8
1974	0	2	0	0	0	0	0	6	11	1	0	0	20
1975	0	0	0	0	0	0	0	10	16	0	0	0	26
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	5	12	0	0	0	17
1979	0	0	0	0	0	0	0	10	0	0	0	0	10
1980	0	0	0	3	0	0	0	7	0	0	0	0	10
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	2	0	2	0	1	6	3	0	0	0	14
1983	3	0	0	0	0	0	0	11	30	10	0	0	54
1984	0	2	2	0	0	0	0	4	2	0	0	0	10
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	3	1	0	4	4	0	0	0	12

1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	6	1	0	0	0	7
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	1	2	11	25	12	0	0	51
1996	0	0	1	0	1	0	0	4	0	0	0	0	6

Boatable Days at Kybrz-Whthl Run (arc 200.203)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 700-3200 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	4	4	28	10	0	0	0	46
1973	0	0	2	1	0	0	10	29	13	0	0	0	55
1974	0	2	2	6	0	3	14	31	19	2	0	0	79
1975	0	0	0	0	0	0	0	22	26	1	0	0	49
1976	1	0	0	0	0	0	0	2	0	0	0	0	3
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	3	10	31	28	0	0	0	72
1979	0	0	0	2	0	0	9	31	13	0	0	0	55
1980	0	0	0	5	5	0	17	31	30	7	0	0	95
1981	0	0	0	0	0	0	8	17	0	0	0	0	25
1982	0	6	3	0	12	6	18	31	30	4	0	0	110
1983	5	0	0	0	0	8	2	17	12	24	0	1	69
1984	0	12	7	6	0	3	8	30	20	0	0	0	86
1985	0	0	0	0	0	0	18	24	0	0	0	0	42
1986	0	0	0	2	12	23	28	31	19	0	0	0	115
1987	0	0	0	0	0	0	5	5	0	0	0	0	10
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	13	24	24	12	0	0	0	73
1990	0	0	0	0	0	0	10	2	0	0	0	0	12
1991	0	0	0	0	0	2	0	17	13	0	0	0	32
1992	0	0	0	0	0	0	5	1	0	0	0	0	6
1993	0	0	0	1	0	12	24	31	30	0	0	0	98
1994	0	0	0	0	0	0	3	4	0	0	0	0	7
1995	0	0	0	4	0	14	18	27	18	26	0	0	107
1996	0	0	2	0	9	6	26	27	16	0	0	0	86

Boatable Days at Whthl-Rvrton Run (arc 210.220)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 700-1200 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	14	6	11	9	0	0	0	40
1973	0	0	2	1	0	0	5	2	4	0	0	0	14
1974	0	2	1	3	0	5	16	5	4	0	0	0	36
1975	0	0	0	0	0	0	0	3	12	1	0	0	16
1976	0	0	0	0	0	0	0	2	0	0	0	0	2
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	4	11	4	9	0	0	0	28
1979	0	0	0	1	0	0	5	4	6	0	0	0	16
1980	0	0	0	2	3	0	6	11	15	5	0	0	42
1981	0	0	0	0	0	0	4	15	0	0	0	0	19
1982	0	2	6	0	5	10	0	0	7	4	0	0	34
1983	2	0	1	1	3	17	12	13	0	9	0	1	59
1984	0	8	8	7	0	3	12	5	14	0	0	0	57
1985	0	0	0	0	0	0	13	19	0	0	0	0	32
1986	0	0	0	2	1	20	18	8	12	0	0	0	61
1987	0	0	0	0	0	0	5	5	0	0	0	0	10
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	8	7	17	12	0	0	0	44
1990	0	0	0	0	0	0	12	2	0	0	0	0	14
1991	0	0	0	0	0	1	0	12	11	0	0	0	24
1992	0	0	0	0	0	0	5	1	0	0	0	0	6
1993	0	0	0	1	0	10	24	0	9	0	0	0	44
1994	0	0	0	0	0	0	3	4	0	0	0	0	7
1995	0	0	0	2	0	5	14	0	0	9	0	0	30
1996	0	0	1	0	8	10	18	0	6	0	0	0	43

Boatable Days at Rvrton-Pvine Run (arc 240.245)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 700-4000 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	16	8	28	10	0	0	0	62
1973	0	0	3	1	0	0	11	31	13	0	0	0	59
1974	0	3	3	8	0	6	23	31	19	2	0	0	95
1975	0	0	0	0	0	0	0	25	30	1	0	0	56
1976	1	0	0	0	0	0	0	2	0	0	0	0	3
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	9	16	31	28	0	0	0	84
1979	0	0	0	2	0	0	10	31	13	0	0	0	56
1980	0	0	0	6	9	0	17	31	30	7	0	0	100

1981	0	0	0	0	0	0	9	17	0	0	0	0	26
1982	0	7	10	1	13	13	18	31	30	4	0	0	127
1983	5	0	4	1	4	22	13	23	26	25	0	1	124
1984	0	15	14	9	0	5	12	31	20	0	0	0	106
1985	0	0	0	0	0	0	22	24	0	0	0	0	46
1986	0	0	0	3	12	30	29	31	19	0	0	0	124
1987	0	0	0	0	0	0	5	5	0	0	0	0	10
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	17	25	24	12	0	0	0	78
1990	0	0	0	0	0	0	12	2	0	0	0	0	14
1991	0	0	0	0	0	2	0	17	13	0	0	0	32
1992	0	0	0	0	0	0	5	1	0	0	0	0	6
1993	0	0	0	3	0	17	30	31	30	0	0	0	111
1994	0	0	0	0	0	0	3	4	0	0	0	0	7
1995	0	0	0	6	0	18	22	29	30	26	0	0	131
1996	0	0	2	0	15	14	30	27	16	0	0	0	104

Boatable Days at Gldn Gate Run (arc 310.320)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 500-1800 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	24	18	31	14	0	0	0	87
1973	0	0	4	3	0	0	20	11	14	0	0	0	52
1974	0	6	2	10	0	19	30	11	17	2	0	0	97
1975	0	0	0	0	0	1	0	10	14	8	0	0	33
1976	1	0	0	0	0	0	0	16	0	0	0	0	17
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	15	26	15	16	5	0	0	77
1979	0	0	0	1	0	1	23	12	15	0	0	0	52
1980	0	0	0	7	12	5	14	17	30	10	0	0	95
1981	0	0	0	0	0	0	15	29	2	0	0	0	46
1982	0	10	10	3	10	29	9	2	29	13	0	2	117
1983	3	3	4	4	15	29	27	17	0	23	2	1	128
1984	0	13	18	13	1	19	27	12	26	0	0	0	129
1985	0	0	0	0	0	0	28	28	0	0	0	0	56
1986	0	0	1	4	7	27	30	21	21	0	0	0	111
1987	0	0	0	0	1	0	14	15	0	0	0	0	30
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	21	30	30	17	0	0	0	98
1990	0	0	0	0	0	0	27	13	3	0	0	0	43
1991	0	0	0	0	0	1	3	26	14	0	0	0	44
1992	0	0	0	0	1	0	16	5	0	0	0	0	22
1993	0	0	0	3	0	15	29	8	28	4	0	0	87
1994	0	0	0	0	0	0	7	8	0	0	0	0	15
1995	0	0	0	6	2	20	27	11	3	20	1	0	90
1996	0	0	2	0	18	28	28	16	19	0	0	0	111

Boatable Days at Upper Lover's Leap Run (arc 120.130)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 500-1500 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	1	0	0	0	0	0	0	0	0	1
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	1	0	1	0	0	0	0	0	0	0	2
1983	0	0	0	0	0	0	0	1	1	0	0	0	2
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	2	0	0	0	0	0	0	0	2
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	1	0	0	0	0	1
1996	0	0	0	0	0	0	0	1	0	0	0	0	1

Boatable Days at Dgld Brmner Run (arc 180.183)

1=flow within prescribed range 0=outside prescribed range
 Flow Range: 400- 800 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	0	3	0	0	0	0	3
1973	0	0	0	0	0	0	0	20	9	0	0	0	29
1974	0	0	0	2	0	0	0	14	16	1	0	0	33
1975	0	0	0	0	0	0	0	10	18	0	0	0	28
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	18	23	0	0	0	41
1979	0	0	0	0	0	0	0	18	1	0	0	0	19
1980	0	0	0	3	2	0	2	17	26	5	0	0	55
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	2	1	0	1	0	6	18	29	0	0	0	57
1983	0	0	0	0	0	2	0	3	0	12	0	0	17
1984	0	6	4	0	0	0	0	16	7	0	0	0	33
1985	0	0	0	0	0	0	0	1	0	0	0	0	1
1986	0	0	0	0	1	6	4	15	14	0	0	0	40
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	1	5	5	0	0	0	0	11
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	30	19	0	0	0	49
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	4	2	16	12	11	0	0	45
1996	0	0	0	0	1	0	3	26	10	0	0	0	40

Boatable Days at Lower Run (arc 187.188)

1=flow within prescribed range 0=outside prescribed range
 Flow Range: 350- 750 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	18	5	29	9	0	0	0	61
1973	0	0	2	1	0	0	9	7	12	0	0	0	31
1974	0	2	1	5	0	15	19	6	9	1	0	0	58
1975	0	0	0	0	0	0	0	4	13	2	0	0	19
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	6	12	11	16	4	0	0	49
1979	0	0	0	1	0	0	8	11	14	0	0	0	34
1980	0	0	0	4	10	0	14	14	25	10	0	0	77
1981	0	0	0	0	0	0	8	14	0	0	0	0	22
1982	0	5	7	0	10	19	9	0	19	8	0	2	79
1983	3	0	2	1	0	24	12	17	0	16	0	1	76
1984	0	12	6	12	0	18	16	7	17	0	0	0	88
1985	0	0	0	0	0	0	19	24	0	0	0	0	43
1986	0	0	0	2	9	22	24	11	19	0	0	0	87
1987	0	0	0	0	0	0	1	3	0	0	0	0	4
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	16	21	19	13	0	0	0	69
1990	0	0	0	0	0	0	10	1	0	0	0	0	11
1991	0	0	0	0	0	1	0	12	9	0	0	0	22
1992	0	0	0	0	0	0	5	1	0	0	0	0	6
1993	0	0	0	1	0	15	28	0	26	8	0	0	78
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	3	0	10	23	5	0	18	0	0	59
1996	0	0	2	0	17	21	24	1	8	0	0	0	73

Boatable Days at Lover's Leap Run (arc 130.133)

1=flow within prescribed range 0=outside prescribed range
 Flow Range: 500-1500 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	7	0	0	0	0	7
1974	0	2	0	0	0	0	0	3	3	1	0	0	9
1975	0	0	0	0	0	0	0	8	15	0	0	0	23
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	6	0	0	0	6
1979	0	0	0	0	0	0	0	2	0	0	0	0	2
1980	0	0	0	3	0	0	0	0	0	0	0	0	3
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	2	0	2	0	1	4	0	0	0	0	9
1983	4	0	0	0	0	0	0	11	30	10	0	0	55
1984	0	2	2	0	0	0	0	0	0	0	0	0	4
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	3	1	0	3	1	0	0	0	8

1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	3	0	0	0	0	3
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	1	2	7	20	11	0	0	41
1996	0	0	1	0	1	0	0	4	0	0	0	0	6

Boatable Days at Kybrz-Whthl Run (arc 200.203)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 700-3200 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	1	1	26	9	0	0	0	37
1973	0	0	1	0	0	0	8	31	13	0	0	0	53
1974	0	3	2	6	0	3	10	31	19	2	0	0	76
1975	0	0	0	0	0	0	0	23	29	1	0	0	53
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	2	10	30	28	0	0	0	70
1979	0	0	0	1	0	0	6	31	13	0	0	0	51
1980	0	0	0	5	5	0	17	31	30	7	0	0	95
1981	0	0	0	0	0	0	6	5	0	0	0	0	11
1982	0	5	3	0	12	6	19	31	30	4	0	0	110
1983	4	1	0	0	0	8	1	17	12	24	0	0	67
1984	1	10	7	7	0	3	6	30	20	0	0	0	84
1985	0	0	0	0	0	0	12	17	0	0	0	0	29
1986	0	0	0	1	12	22	23	31	18	0	0	0	107
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	13	24	20	9	0	0	0	66
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	1	0	10	5	0	0	0	16
1992	0	0	0	0	0	0	1	0	0	0	0	0	1
1993	0	0	0	1	0	10	20	31	29	0	0	0	91
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	3	0	14	16	28	22	26	0	0	109
1996	1	0	2	0	8	5	20	27	15	0	0	0	78

Boatable Days at Whthl-Rvrton Run (arc 210.220)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 700-1200 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	5	5	22	9	0	0	0	41
1973	0	0	1	1	0	0	7	4	6	0	0	0	19
1974	0	2	1	4	0	5	16	4	4	0	0	0	36
1975	0	0	0	0	0	0	0	2	12	1	0	0	15
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	4	10	5	10	0	0	0	29
1979	0	0	0	1	0	0	5	6	12	0	0	0	24
1980	0	0	0	2	3	0	8	12	17	6	0	0	48
1981	0	0	0	0	0	0	6	6	0	0	0	0	12
1982	0	2	6	0	5	10	0	0	9	4	0	0	36
1983	1	0	1	1	4	16	12	14	0	9	0	0	58
1984	0	8	8	7	0	5	8	6	15	0	0	0	57
1985	0	0	0	0	0	0	13	15	0	0	0	0	28
1986	0	0	0	1	1	20	19	10	11	0	0	0	62
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	10	13	17	9	0	0	0	49
1990	0	0	0	0	0	0	0	1	0	0	0	0	1
1991	0	0	0	0	0	1	0	10	5	0	0	0	16
1992	0	0	0	0	0	0	1	0	0	0	0	0	1
1993	0	0	0	1	0	11	25	0	11	0	0	0	48
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	2	0	5	13	0	0	9	0	0	29
1996	0	0	1	0	8	10	21	0	5	0	0	0	45

Boatable Days at Rvrton-Pvine Run (arc 240.245)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 700-4000 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	9	5	26	9	0	0	0	49
1973	0	0	1	1	0	0	11	31	13	0	0	0	57
1974	0	4	3	8	0	7	17	31	19	2	0	0	91
1975	0	0	0	0	0	0	0	24	30	1	0	0	55
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	7	13	31	28	0	0	0	79
1979	0	0	0	2	0	0	9	31	13	0	0	0	55
1980	0	0	0	6	9	0	17	31	30	7	0	0	100

1981	0	0	0	0	0	0	6	6	0	0	0	0	12
1982	0	7	9	1	13	13	19	31	30	4	0	0	127
1983	4	1	4	1	4	23	13	23	27	25	0	0	125
1984	1	16	14	9	0	8	8	30	20	0	0	0	106
1985	0	0	0	0	0	0	16	18	0	0	0	0	34
1986	0	0	0	2	12	30	26	31	18	0	0	0	119
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	18	24	22	10	0	0	0	74
1990	0	0	0	0	0	0	1	1	0	0	0	0	2
1991	0	0	0	0	0	2	0	11	5	0	0	0	18
1992	0	0	0	0	0	0	1	0	0	0	0	0	1
1993	0	0	0	1	0	17	30	31	29	0	0	0	108
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	6	0	18	23	29	30	26	0	0	132
1996	1	0	2	0	15	14	28	27	16	0	0	0	103

Boatable Days at Gldn Gate Run (arc 310.320)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 500-1800 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	24	11	31	10	0	0	0	76
1973	0	0	3	3	0	0	20	16	15	0	0	0	57
1974	0	3	2	10	0	20	30	14	16	2	0	0	97
1975	0	0	0	0	0	1	0	9	14	8	0	0	32
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	15	25	19	21	5	0	0	85
1979	0	0	0	1	0	0	20	15	14	0	0	0	50
1980	0	0	0	6	12	6	16	18	30	10	0	0	98
1981	0	0	0	0	0	0	10	23	0	0	0	0	33
1982	0	7	10	3	10	29	12	3	29	13	0	2	118
1983	5	3	4	5	17	29	26	18	0	23	2	1	133
1984	0	14	19	14	1	19	18	15	23	0	0	0	123
1985	0	0	0	0	0	0	24	27	0	0	0	0	51
1986	0	0	0	3	7	27	30	24	22	0	0	0	113
1987	0	0	0	0	1	0	4	4	0	0	0	0	9
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	22	30	28	15	0	0	0	95
1990	0	0	0	0	0	0	12	4	2	0	0	0	18
1991	0	0	0	0	0	2	0	17	13	0	0	0	32
1992	0	0	0	0	0	0	4	1	0	0	0	0	5
1993	0	0	0	3	0	15	30	13	29	3	0	0	93
1994	0	0	0	0	0	0	2	1	0	0	0	0	3
1995	0	0	0	7	2	20	27	12	3	20	1	0	92
1996	1	0	3	0	19	28	29	17	19	0	0	0	116

Boatable Days at Upper Lover's Leap Run (arc 120.130)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 500-1500 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	1	0	0	0	0	0	0	0	0	1
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	1	0	1	0	0	0	0	0	0	0	2
1983	0	0	0	0	0	0	0	1	1	0	0	0	2
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	2	0	0	0	0	0	0	0	2
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	1	0	0	0	0	1
1996	0	0	0	0	0	0	0	1	0	0	0	0	1

Boatable Days at Dgld Brmner Run (arc 180.183)

1=flow within prescribed range 0=outside prescribed range
 Flow Range: 400- 800 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	0	4	0	0	0	0	4
1973	0	0	0	0	0	0	0	22	6	0	0	0	28
1974	0	1	1	3	0	0	0	22	16	1	0	0	44
1975	0	0	0	0	0	0	0	16	14	0	0	0	30
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	16	10	0	0	0	26
1979	0	0	0	0	0	0	0	22	0	0	0	0	22
1980	0	0	0	3	2	0	0	17	26	5	0	0	53
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	2	1	0	1	0	5	19	29	0	0	0	57
1983	1	0	0	0	0	2	0	8	0	12	0	0	23
1984	0	4	4	0	0	0	0	16	7	0	0	0	31
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	1	6	3	17	14	0	0	0	41
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	1	4	6	0	0	0	0	11
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	1	0	23	10	0	0	0	34
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	5	3	17	16	11	0	0	52
1996	0	0	0	0	2	0	0	24	9	0	0	0	35

Boatable Days at Lower Run (arc 187.188)

1=flow within prescribed range 0=outside prescribed range
 Flow Range: 350- 750 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	20	5	29	10	0	0	0	64
1973	0	0	2	1	0	0	14	7	13	0	0	0	37
1974	0	2	2	5	0	15	30	5	9	1	0	0	69
1975	0	0	0	0	0	0	0	5	14	2	0	0	21
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	9	19	9	19	4	0	0	60
1979	0	0	0	1	0	0	14	9	12	0	0	0	36
1980	0	0	0	5	10	0	10	12	25	10	0	0	72
1981	0	0	0	0	0	0	9	16	0	0	0	0	25
1982	0	5	7	0	8	23	4	0	19	8	0	1	75
1983	1	0	2	1	0	24	14	14	0	16	0	1	73
1984	0	12	6	12	0	18	18	7	17	0	0	0	90
1985	0	0	0	0	0	0	25	25	0	0	0	0	50
1986	0	0	0	3	9	22	25	8	19	0	0	0	86
1987	0	0	0	0	0	0	1	2	0	0	0	0	3
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	16	21	20	13	0	0	0	70
1990	0	0	0	0	0	0	11	2	0	0	0	0	13
1991	0	0	0	0	0	1	0	16	11	0	0	0	28
1992	0	0	0	0	0	0	3	1	0	0	0	0	4
1993	0	0	0	1	0	14	28	0	25	8	0	0	76
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	3	0	10	26	4	0	18	0	0	61
1996	0	0	2	0	16	22	23	4	9	0	0	0	76

Boatable Days at Lover's Leap Run (arc 130.133)

1=flow within prescribed range 0=outside prescribed range
 Flow Range: 500-1500 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	6	0	0	0	0	6
1974	0	2	0	0	0	0	0	1	4	1	0	0	8
1975	0	0	0	0	0	0	0	8	16	0	0	0	24
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	7	0	0	0	7
1979	0	0	0	0	0	0	0	2	0	0	0	0	2
1980	0	0	0	3	0	0	0	0	0	0	0	0	3
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	2	0	2	0	1	4	0	0	0	0	9
1983	4	0	0	0	0	0	0	11	30	10	0	0	55
1984	0	2	2	0	0	0	0	0	0	0	0	0	4
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	3	1	0	3	2	0	0	0	9

1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	1	0	0	0	0	1
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	1	2	7	21	11	0	0	42
1996	1	0	1	0	1	0	0	4	0	0	0	0	7

Boatable Days at Kybrz-Whthl Run (arc 200.203)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 700-3200 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	1	26	9	0	0	0	36
1973	0	0	1	0	0	0	8	31	13	0	0	0	53
1974	0	4	2	6	0	3	11	31	19	2	0	0	78
1975	0	0	0	0	0	0	0	22	29	0	0	0	51
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	3	10	31	28	0	0	0	72
1979	0	0	0	2	0	0	7	31	9	0	0	0	49
1980	0	0	0	5	5	0	17	31	30	7	0	0	95
1981	0	0	0	0	0	0	6	8	0	0	0	0	14
1982	0	5	3	0	12	6	19	31	30	3	0	0	109
1983	5	1	0	0	0	8	2	19	13	24	0	0	72
1984	1	12	7	7	0	3	6	30	20	0	0	0	86
1985	0	0	0	0	0	0	15	18	0	0	0	0	33
1986	0	0	0	1	12	23	23	31	18	0	0	0	108
1987	0	0	0	0	0	0	0	1	0	0	0	0	1
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	13	24	20	10	0	0	0	67
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	1	0	12	8	0	0	0	21
1992	0	0	0	0	0	0	1	0	0	0	0	0	1
1993	0	0	0	1	0	10	22	31	29	0	0	0	93
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	3	0	14	18	28	21	26	0	0	110
1996	1	0	2	0	9	5	24	27	15	0	0	0	83

Boatable Days at Whthl-Rvrton Run (arc 210.220)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 700-1200 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	4	5	19	9	0	0	0	37
1973	0	0	1	1	0	0	5	3	5	0	0	0	15
1974	0	2	1	4	0	5	18	5	4	0	0	0	39
1975	0	0	0	0	0	0	0	3	12	0	0	0	15
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	5	11	5	10	0	0	0	31
1979	0	0	0	1	0	0	5	4	8	0	0	0	18
1980	0	0	0	2	3	0	8	12	16	6	0	0	47
1981	0	0	0	0	0	0	5	8	0	0	0	0	13
1982	0	2	6	0	5	12	0	0	8	4	0	0	37
1983	2	0	1	1	4	16	12	13	0	9	0	0	58
1984	0	9	8	7	0	5	8	7	14	0	0	0	58
1985	0	0	0	0	0	0	14	18	0	0	0	0	32
1986	0	0	0	1	1	21	19	8	11	0	0	0	61
1987	0	0	0	0	0	0	0	1	0	0	0	0	1
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	10	14	16	10	0	0	0	50
1990	0	0	0	0	0	0	0	1	0	0	0	0	1
1991	0	0	0	0	0	1	0	13	8	0	0	0	22
1992	0	0	0	0	0	0	1	0	0	0	0	0	1
1993	0	0	0	1	0	10	24	0	11	0	0	0	46
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	2	0	5	14	0	0	9	0	0	30
1996	1	0	1	0	8	10	22	0	6	0	0	0	48

Boatable Days at Rvrton-Pvine Run (arc 240.245)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 700-4000 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	8	5	27	9	0	0	0	49
1973	0	0	1	1	0	0	11	31	13	0	0	0	57
1974	0	4	3	8	0	7	24	31	19	2	0	0	98
1975	0	0	0	0	0	0	0	25	30	0	0	0	55
1976	1	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	9	15	31	28	0	0	0	83
1979	0	0	0	2	0	0	9	31	12	0	0	0	54
1980	0	0	0	6	9	0	17	31	30	7	0	0	100

1981	0	0	0	0	0	0	6	9	0	0	0	0	15
1982	0	7	9	1	13	13	19	31	30	4	0	0	127
1983	5	1	4	1	4	23	13	24	27	25	0	0	127
1984	1	16	14	9	0	8	8	31	20	0	0	0	107
1985	0	0	0	0	0	0	18	19	0	0	0	0	37
1986	0	0	0	3	12	30	26	31	18	0	0	0	120
1987	0	0	0	0	0	0	0	1	0	0	0	0	1
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	17	24	22	10	0	0	0	73
1990	0	0	0	0	0	0	1	1	0	0	0	0	2
1991	0	0	0	0	0	2	0	14	8	0	0	0	24
1992	0	0	0	0	0	0	1	0	0	0	0	0	1
1993	0	0	0	1	0	17	30	31	30	0	0	0	109
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	6	0	18	26	29	30	27	0	0	136
1996	1	0	2	0	15	14	30	27	16	0	0	0	105

Boatable Days at Gldn Gate Run (arc 310.320)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 500-1800 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	24	11	31	12	0	0	0	78
1973	0	0	3	3	0	0	22	16	15	0	0	0	59
1974	0	3	2	9	0	20	30	14	17	2	0	0	97
1975	0	0	0	0	0	1	0	10	14	8	0	0	33
1976	2	0	0	0	0	0	0	0	0	0	0	0	2
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	16	27	23	22	5	0	0	93
1979	0	0	0	1	0	0	24	15	14	0	0	0	54
1980	0	0	0	7	12	6	17	17	30	10	0	0	99
1981	0	0	0	0	0	0	11	22	0	0	0	0	33
1982	0	7	10	3	10	29	15	3	29	13	0	2	121
1983	5	3	4	5	17	29	27	18	0	23	2	1	134
1984	0	13	19	14	1	19	20	15	25	0	0	0	126
1985	0	0	0	0	0	0	28	27	0	0	0	0	55
1986	0	0	0	4	7	27	30	21	22	0	0	0	111
1987	0	0	0	0	1	0	5	3	0	0	0	0	9
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	20	30	29	17	0	0	0	96
1990	0	0	0	0	0	0	15	3	2	0	0	0	20
1991	0	0	0	0	0	2	0	19	13	0	0	0	34
1992	0	0	0	0	0	0	4	1	0	0	0	0	5
1993	0	0	0	3	0	15	30	11	29	3	0	0	91
1994	0	0	0	0	0	0	3	4	0	0	0	0	7
1995	0	0	0	7	3	20	27	12	3	20	1	0	93
1996	1	0	2	0	19	28	30	21	21	0	0	0	122

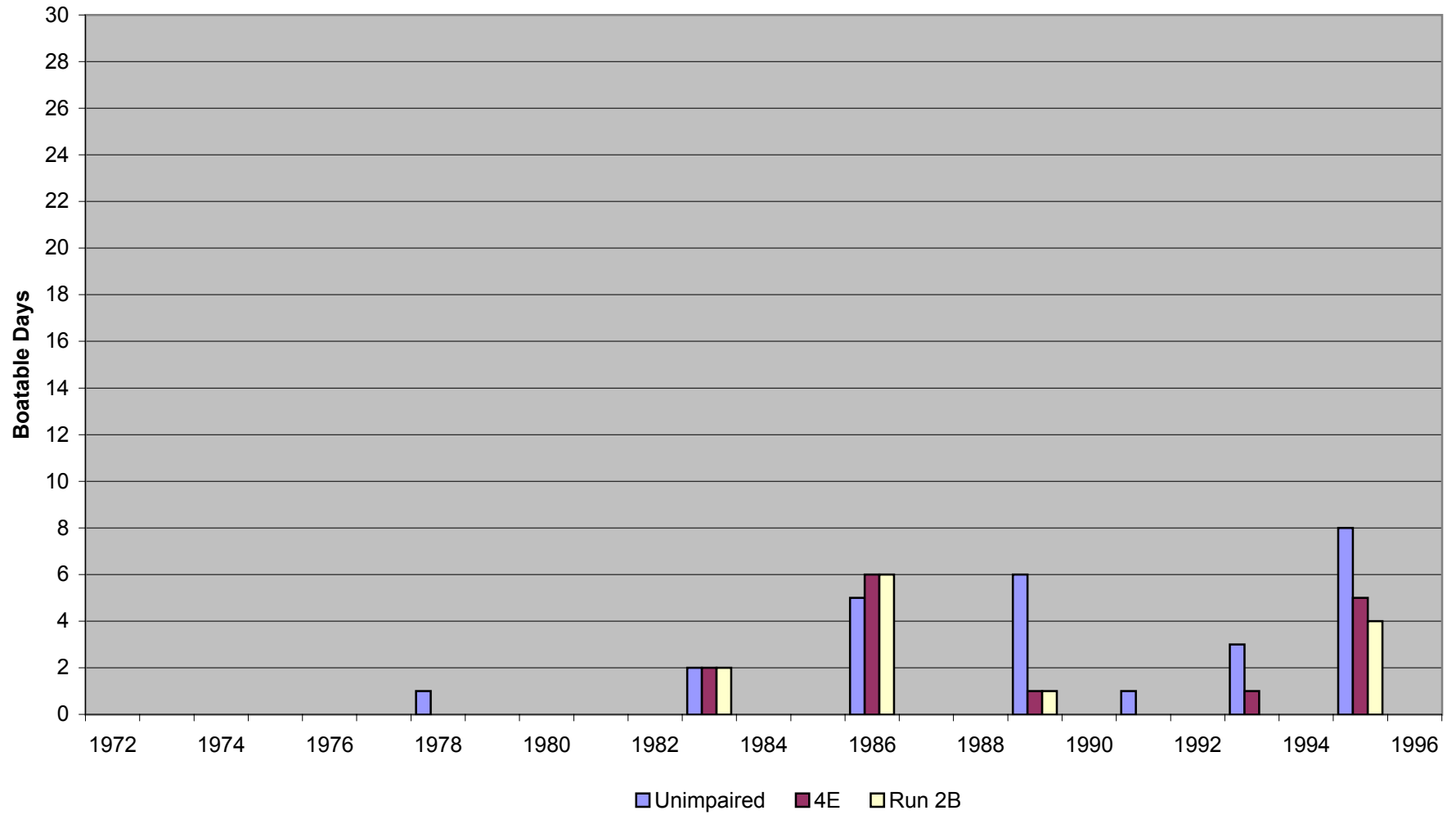
Boatable Days at Upper Lover's Leap Run (arc 120.130)

1=flow within prescribed range 0=outside prescribed range
Flow Range: 500-1500 CFS

YEAR	10/31	11/30	12/31	01/31	02/29	03/31	04/30	05/31	06/30	07/31	08/31	09/30	TOTAL
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	1	0	0	0	0	0	0	0	0	1
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	1	0	1	0	0	0	0	0	0	0	2
1983	0	0	0	0	0	0	0	1	1	0	0	0	2
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	2	0	0	0	0	0	0	0	2
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	1	0	0	0	0	1
1996	0	0	0	0	0	0	0	1	0	0	0	0	1

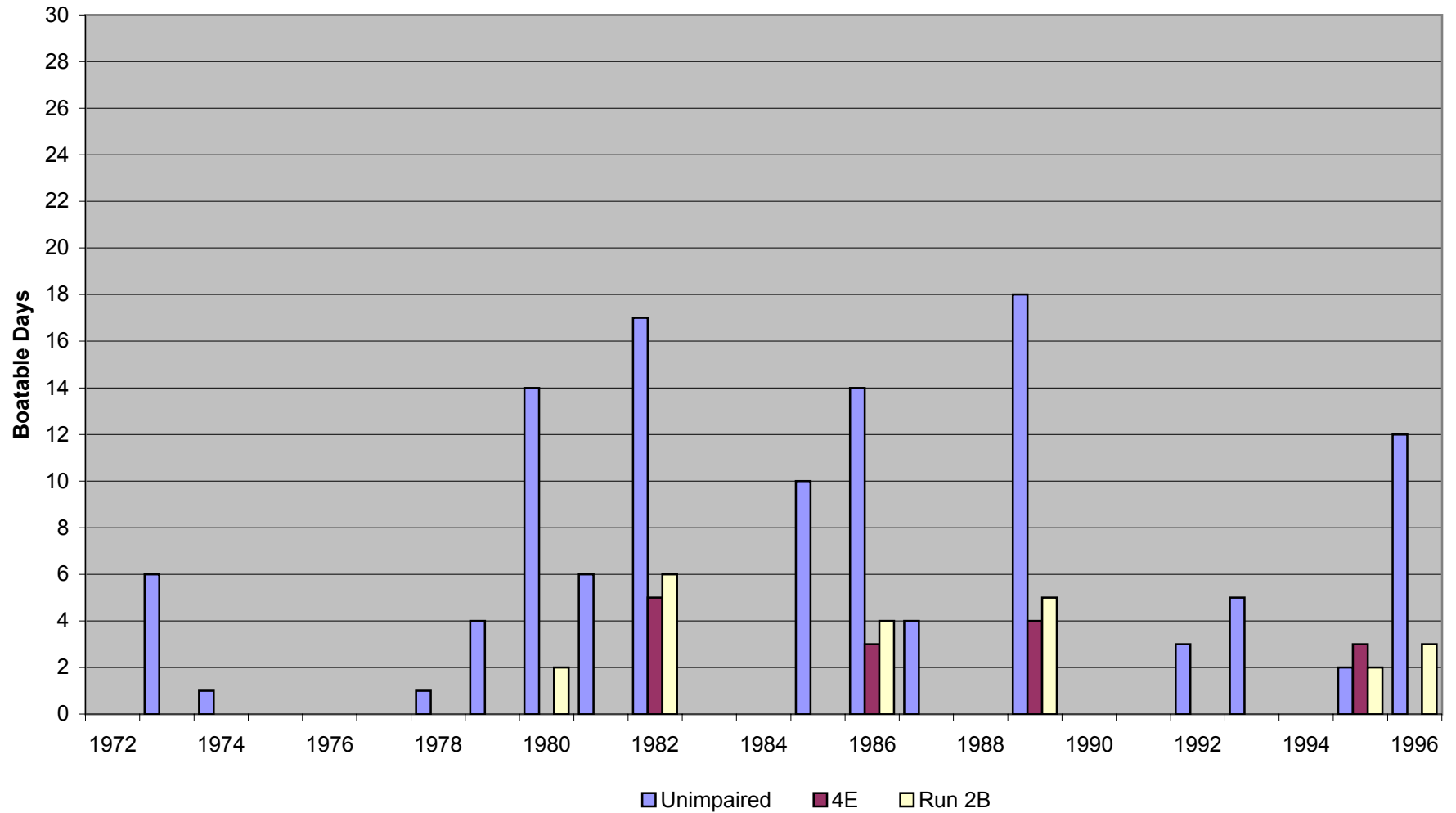
Dugald Bremner Run

March Boatable Days



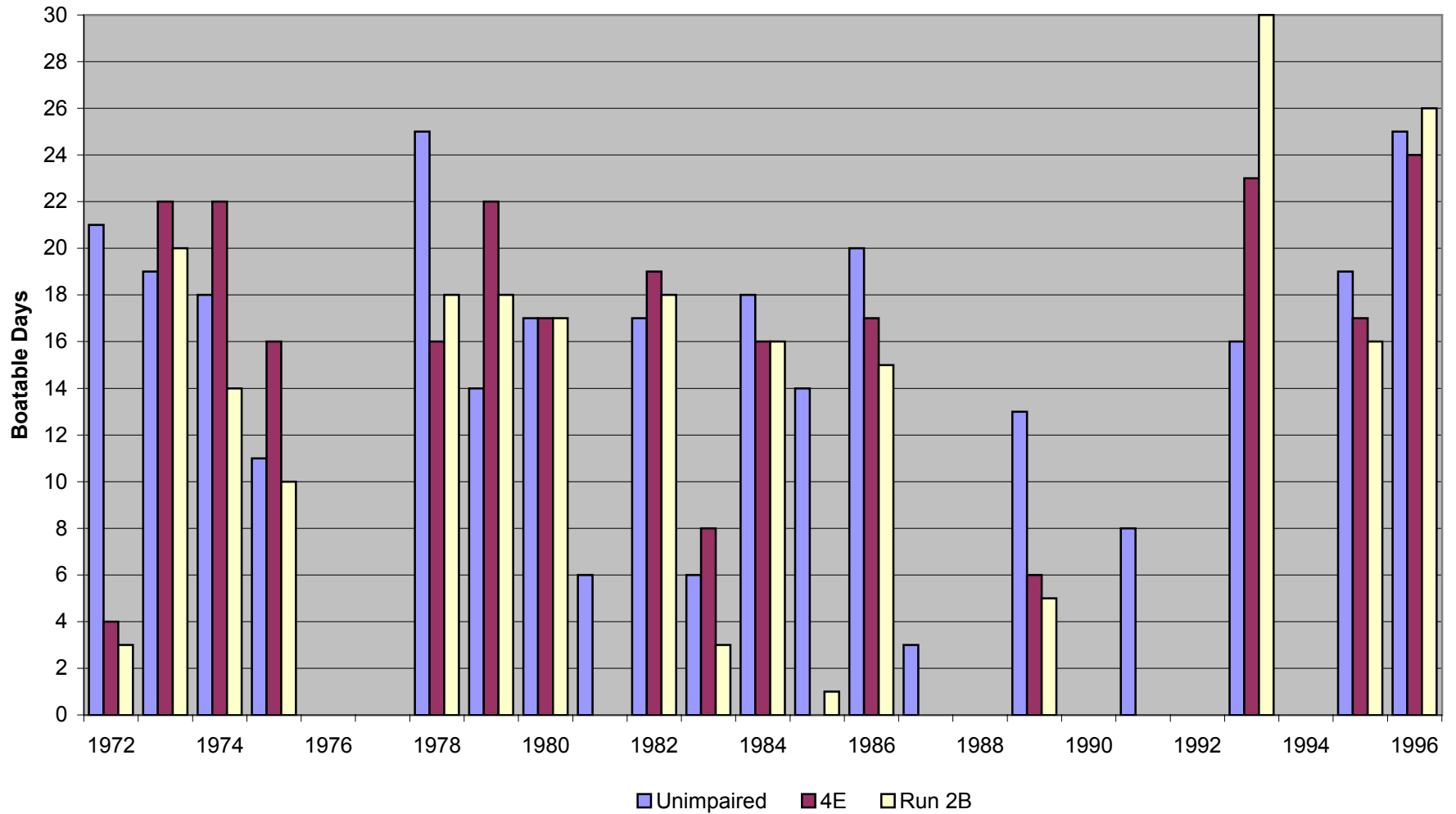
Dugald Bremner Run

April Boatable Days



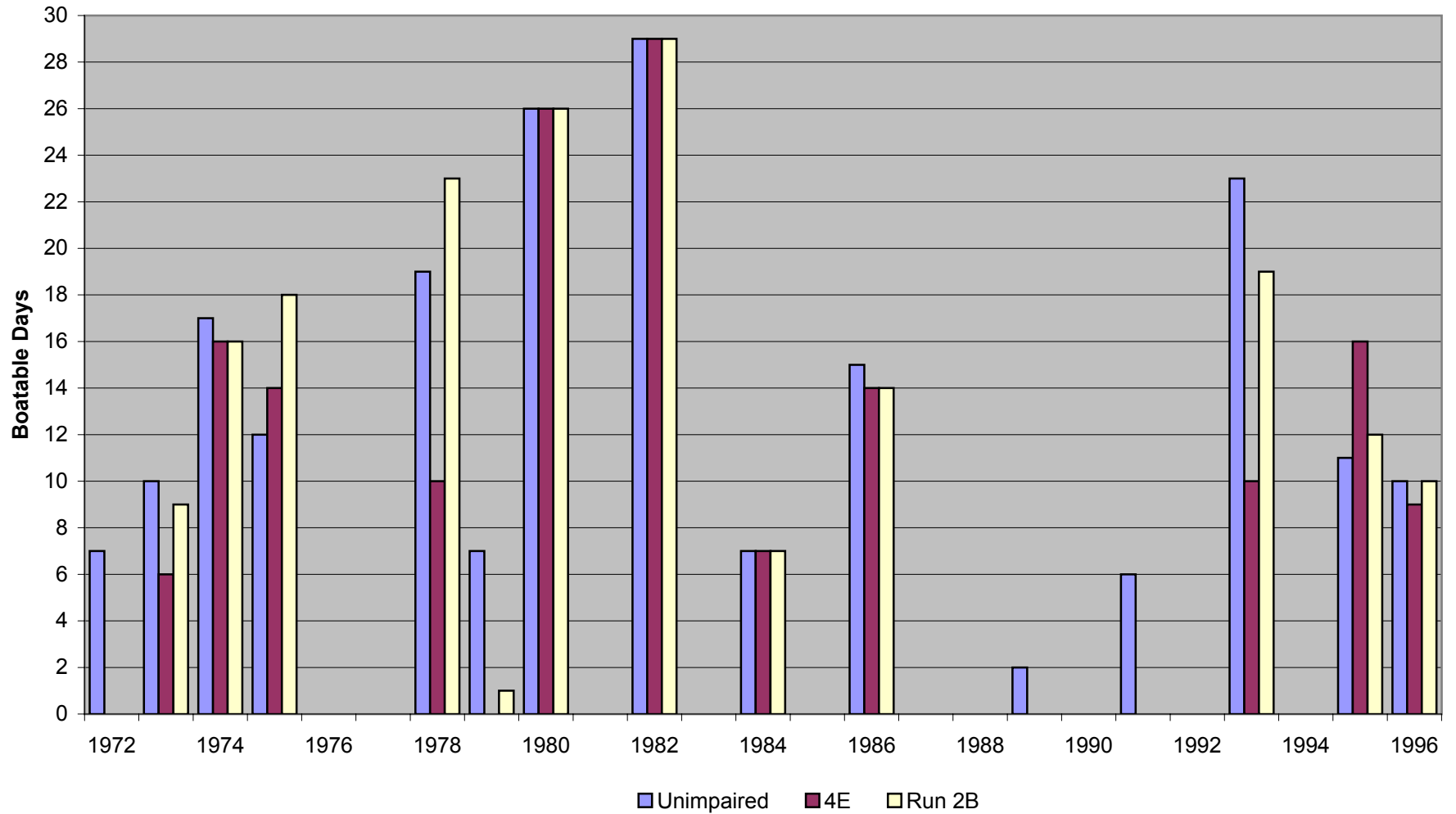
Dugald Bremner Run

May Boatable Days



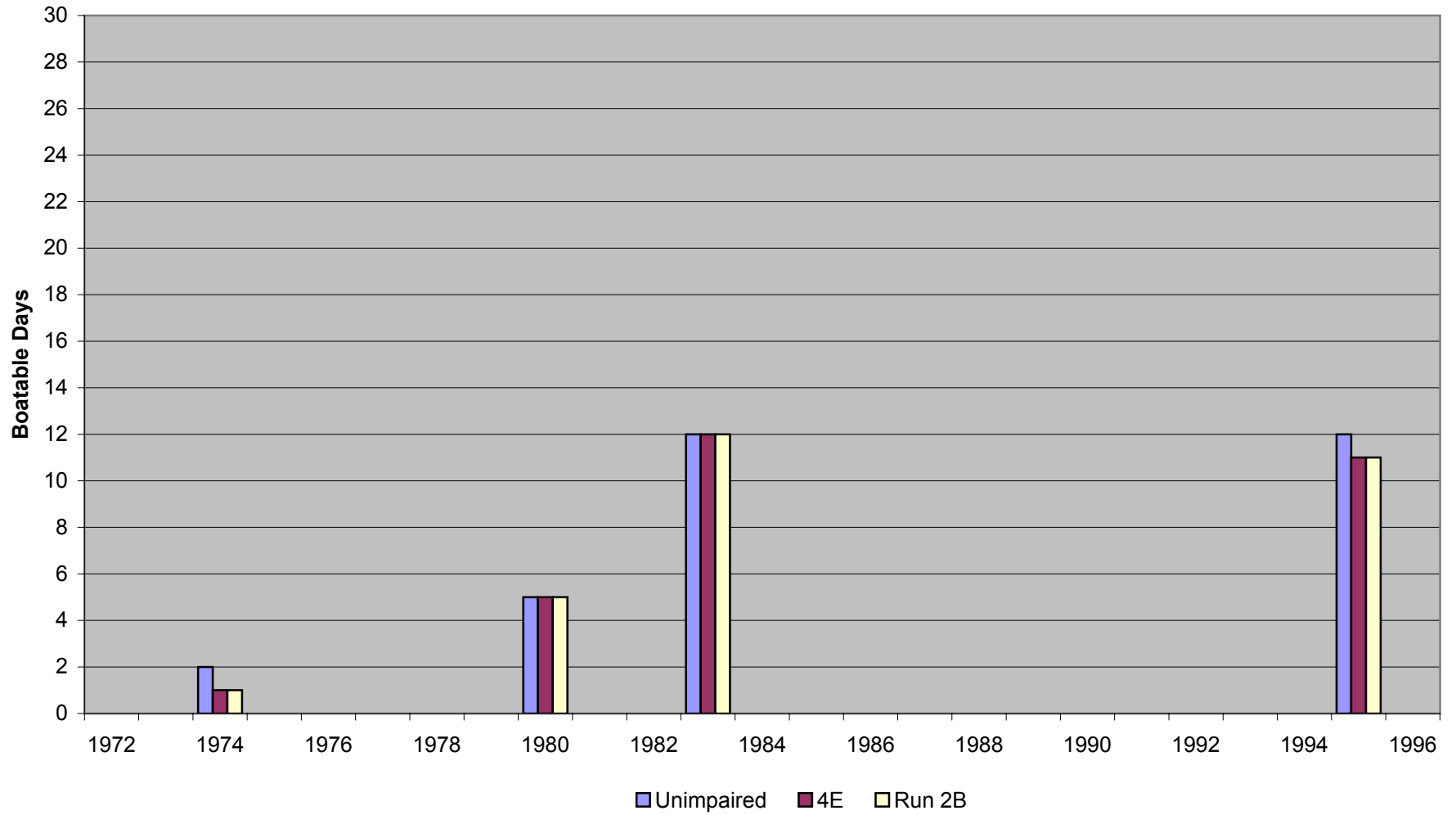
Dugald Bremner Run

June Boatable Days



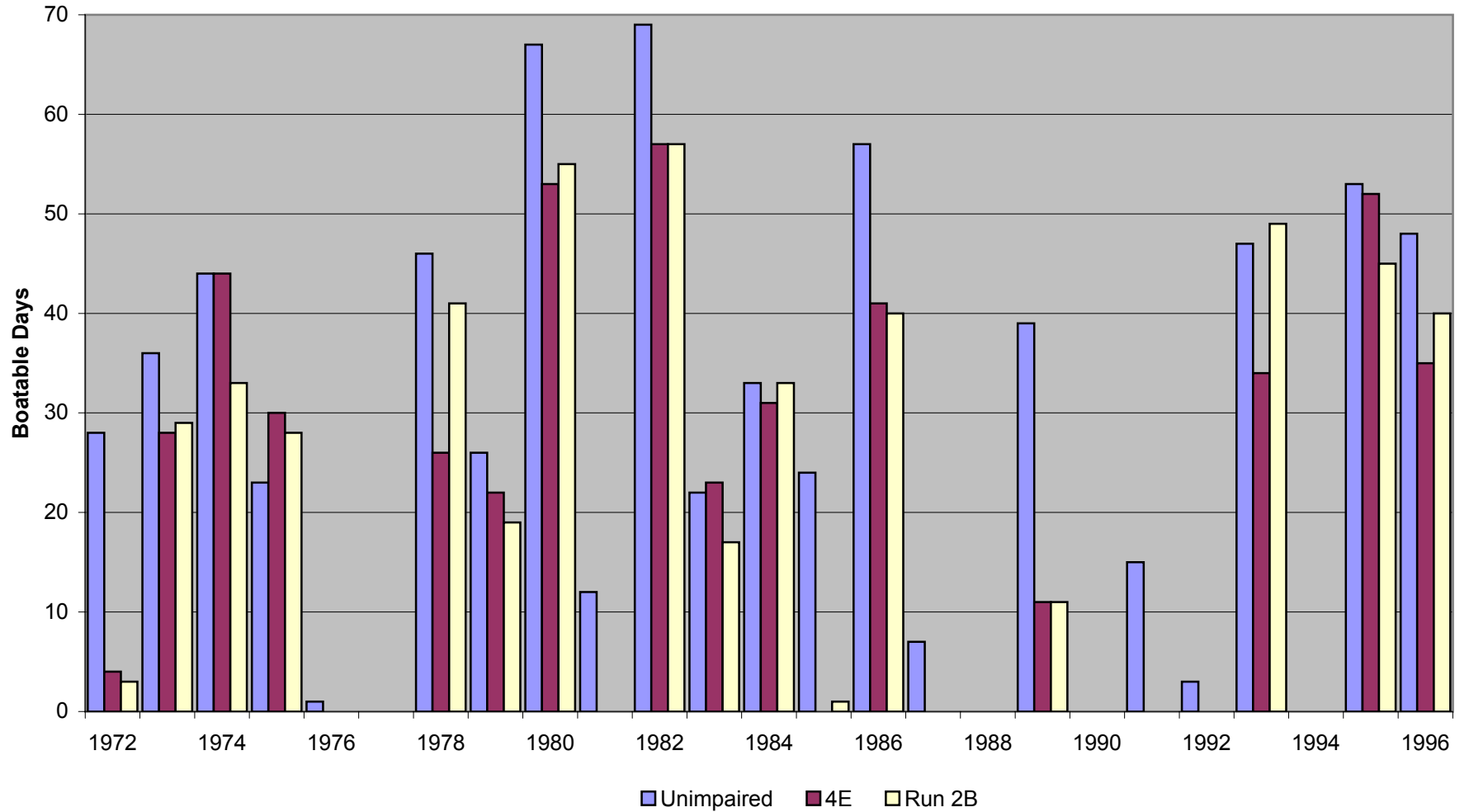
Dugald Bremner Run

July Boatable Days



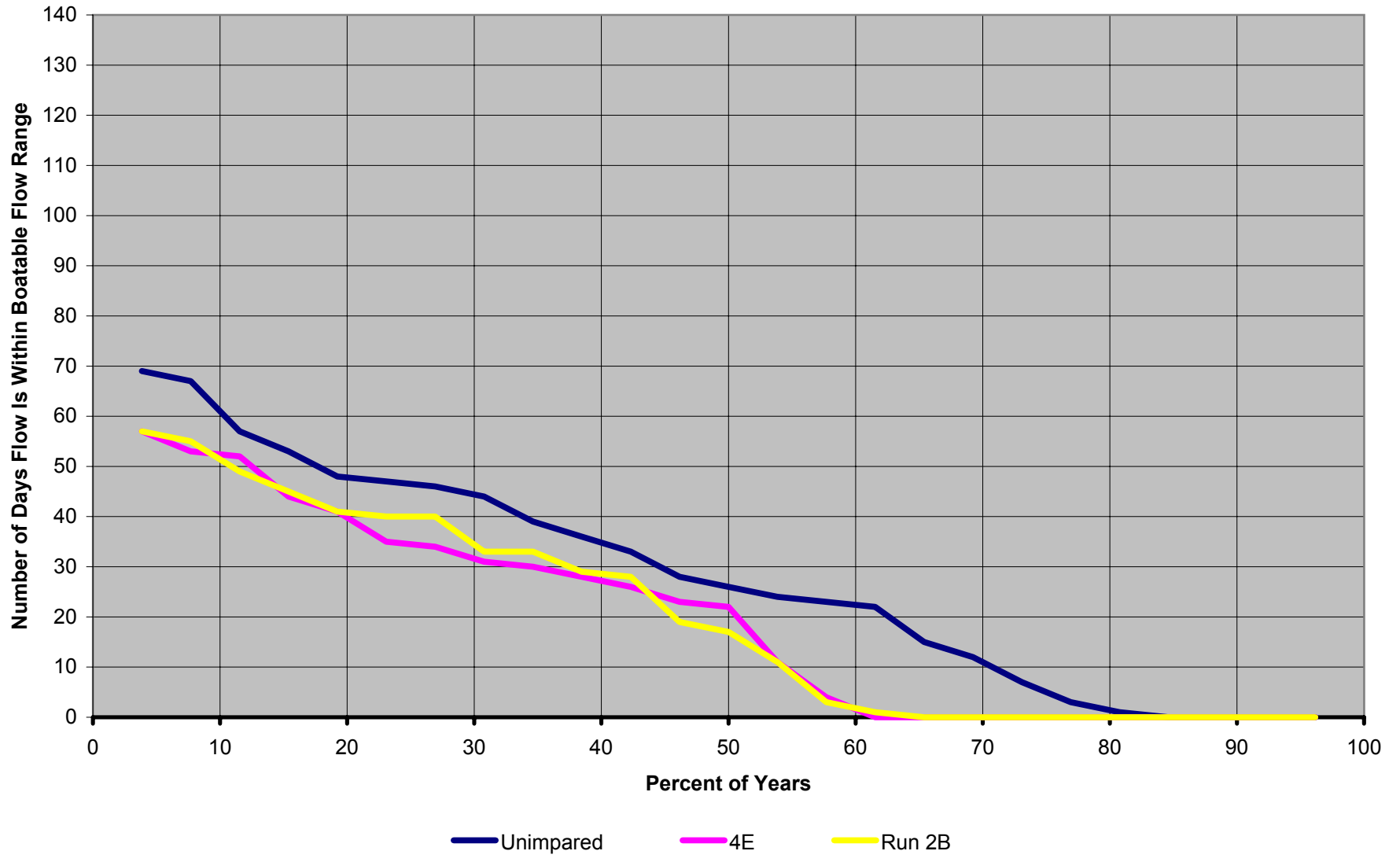
Dugald Bremner Run

Annual Boatable Days



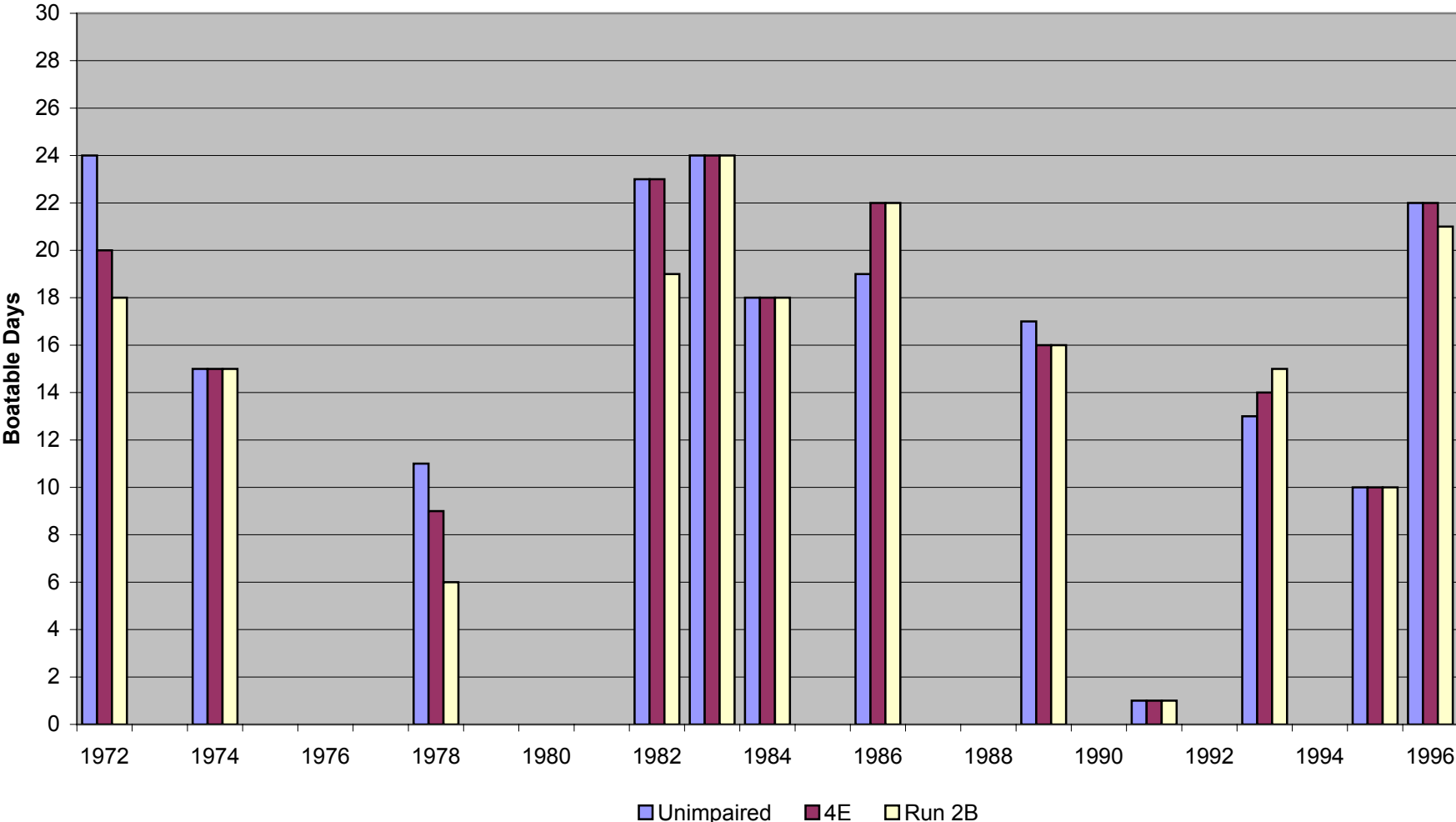
Dugald Bremmer Run

Annual Frequency



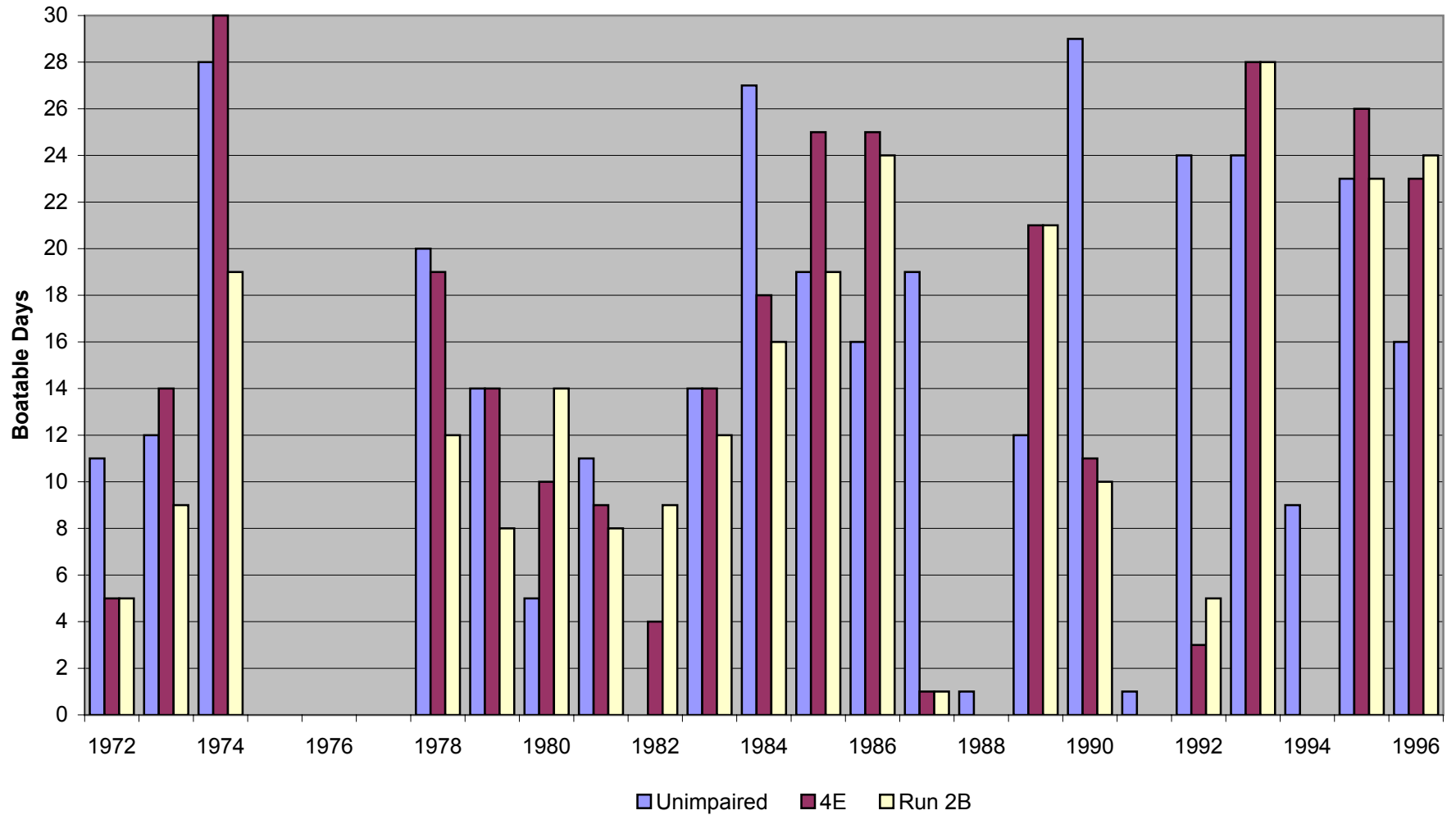
Lower Run

March Boatable Days

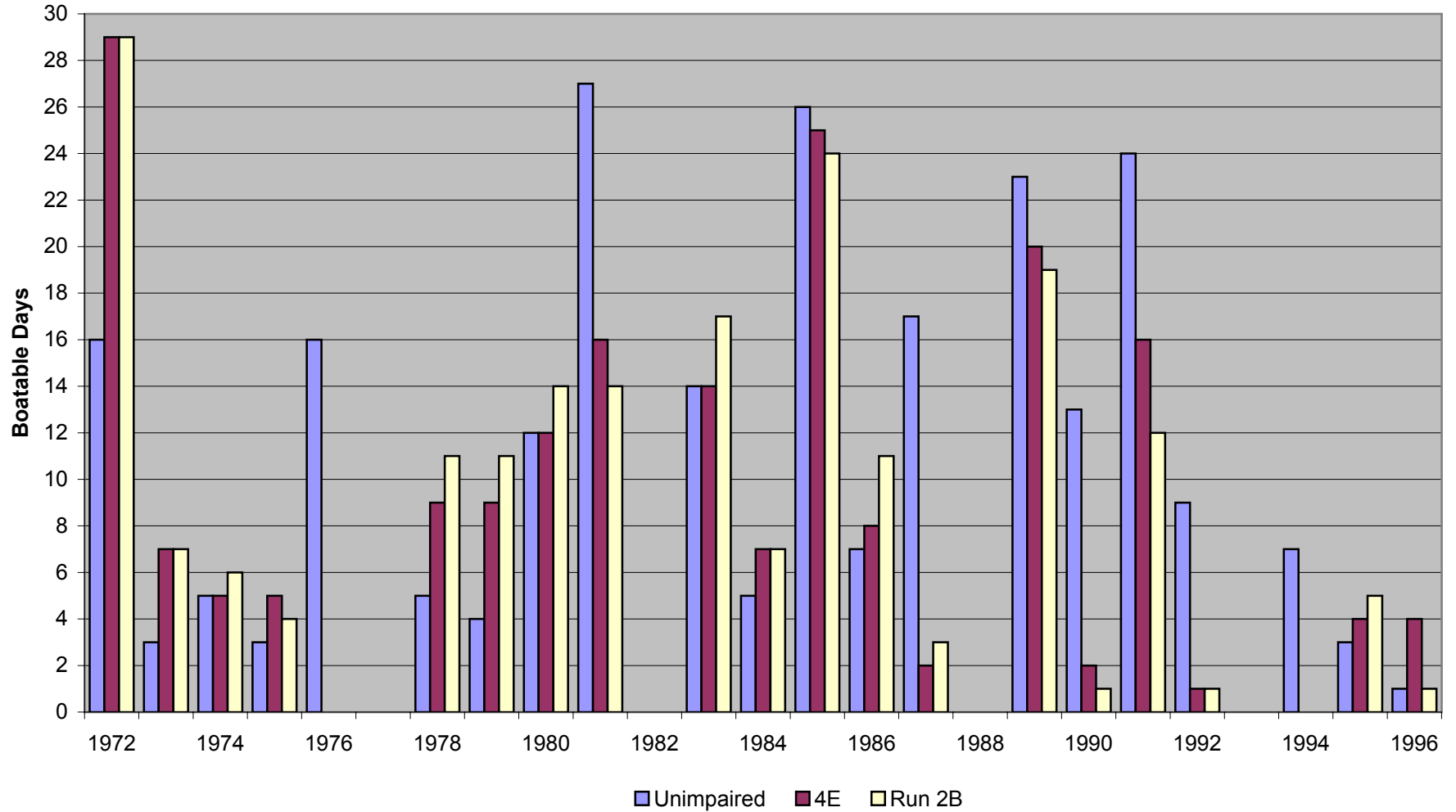


Lower Run

April Boatable Days

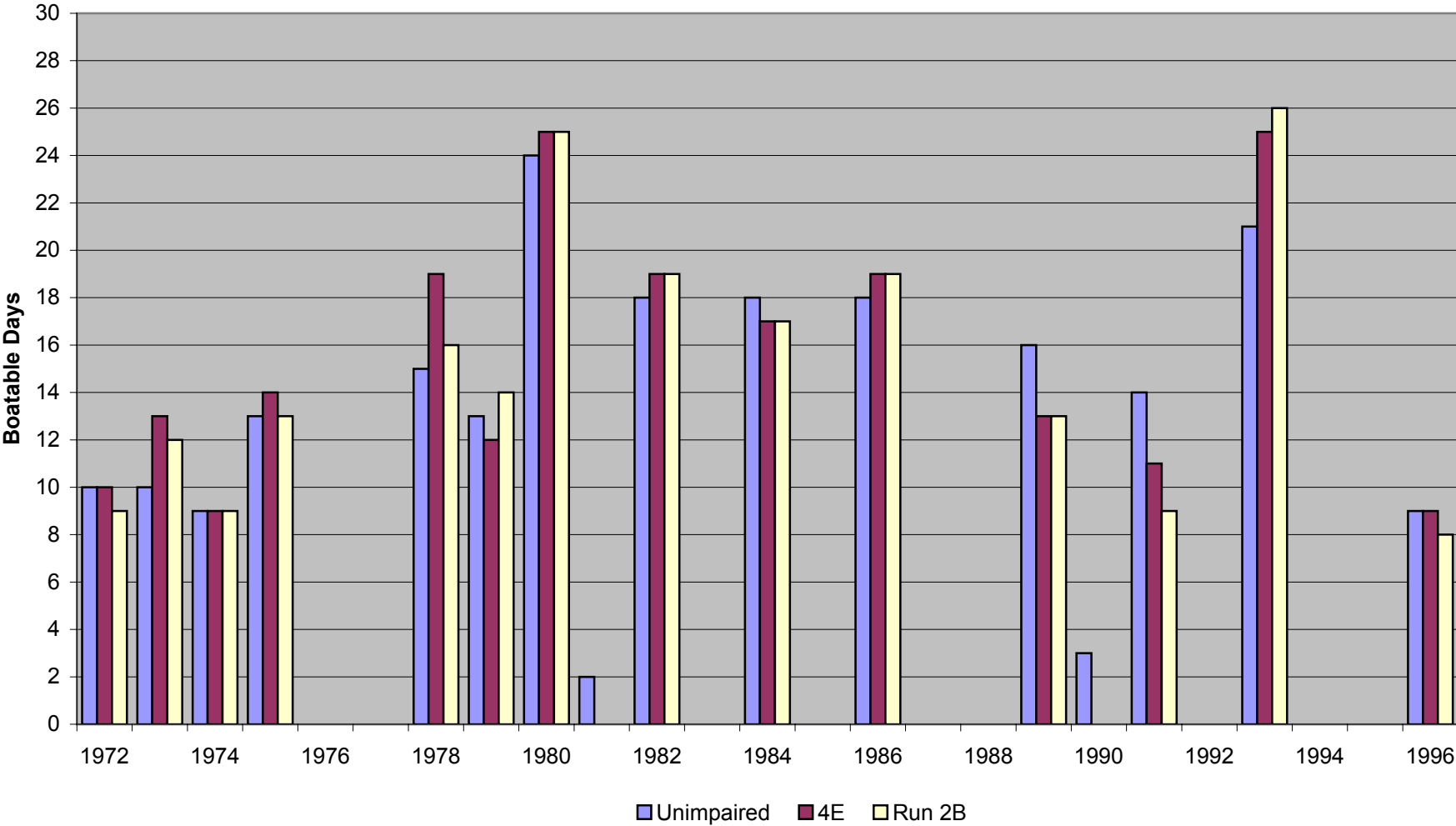


Lower Run May Boatable Days



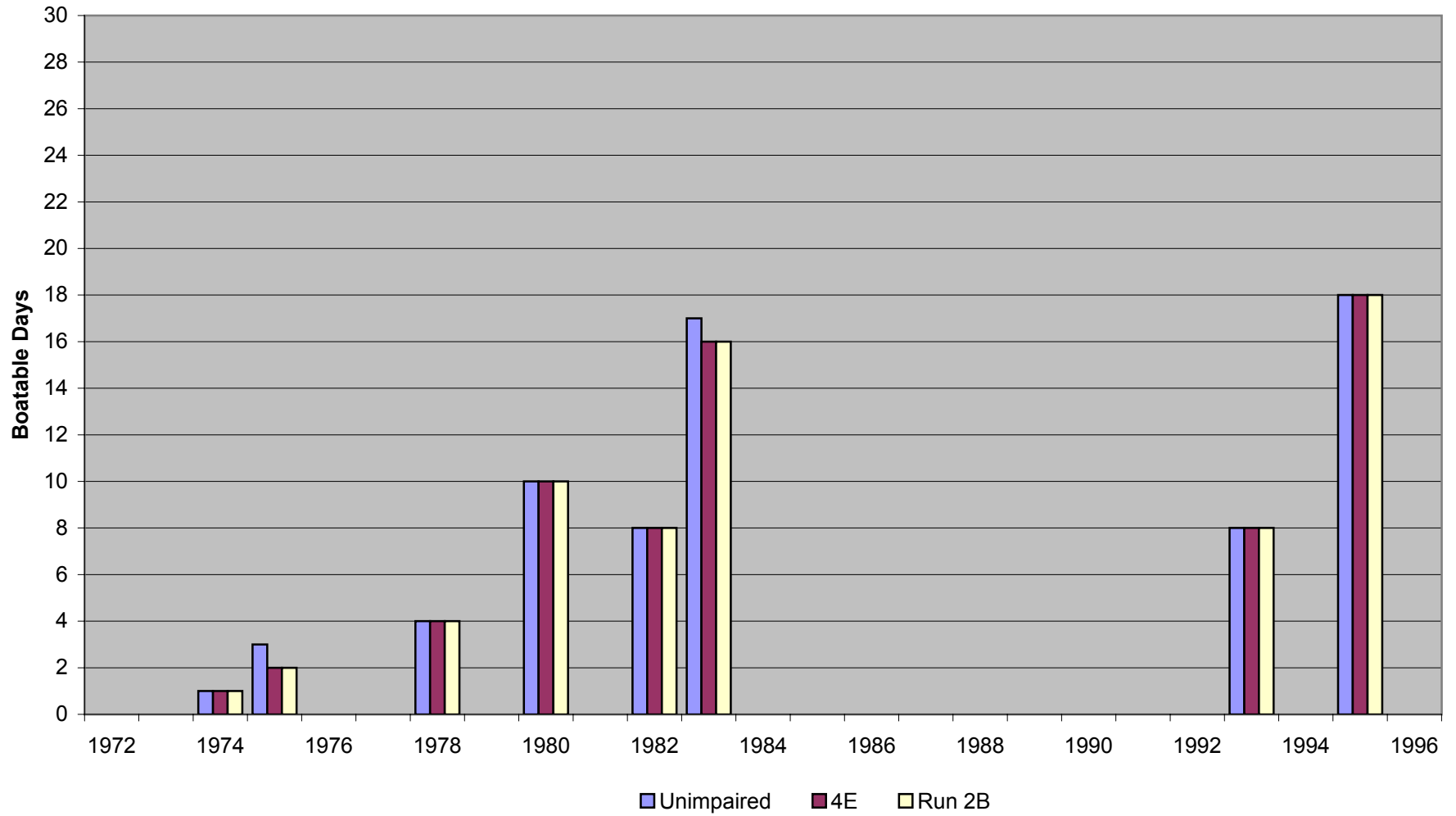
Lower Run

June Boatable Days



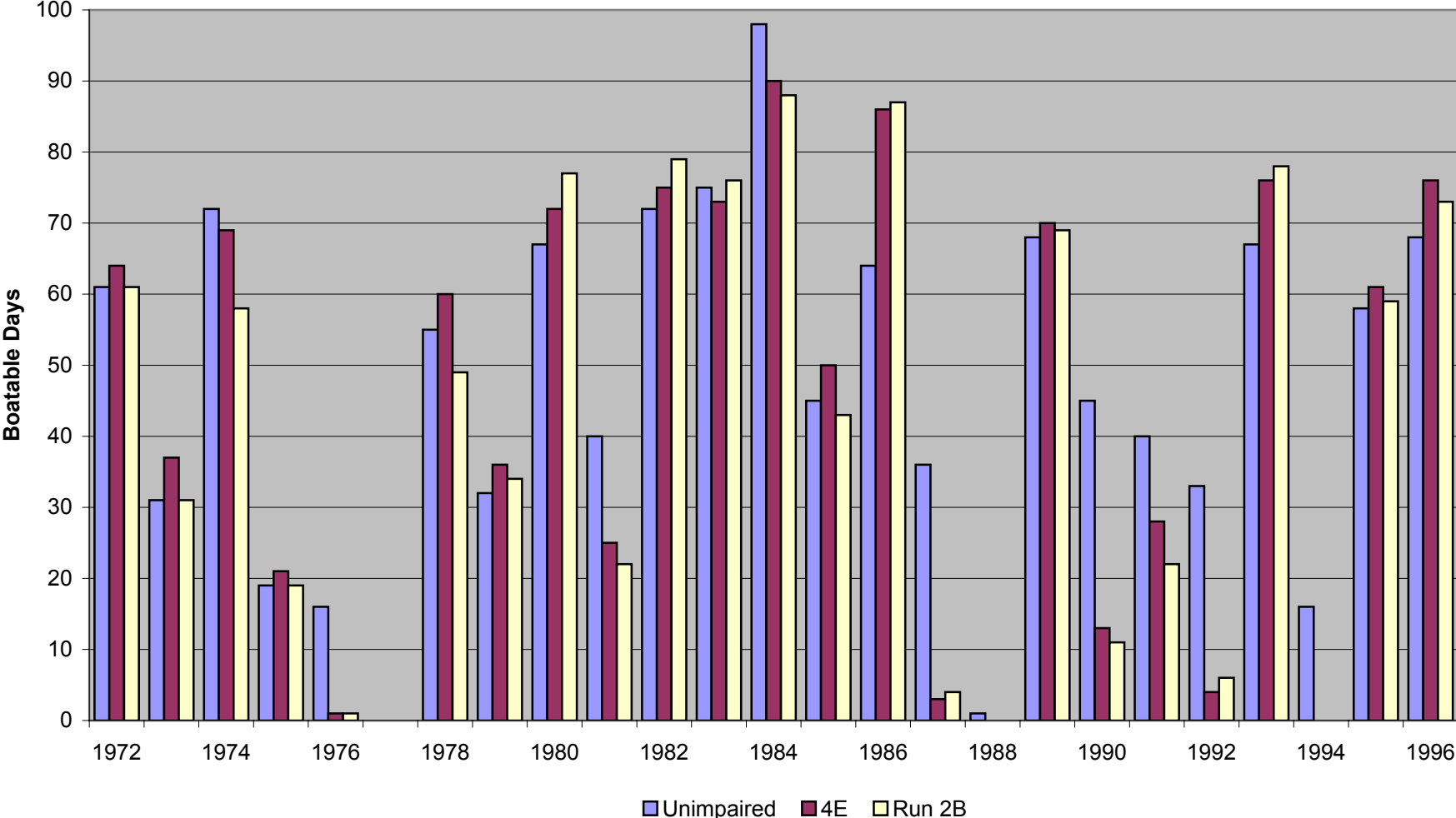
Lower Run

July Boatable Days



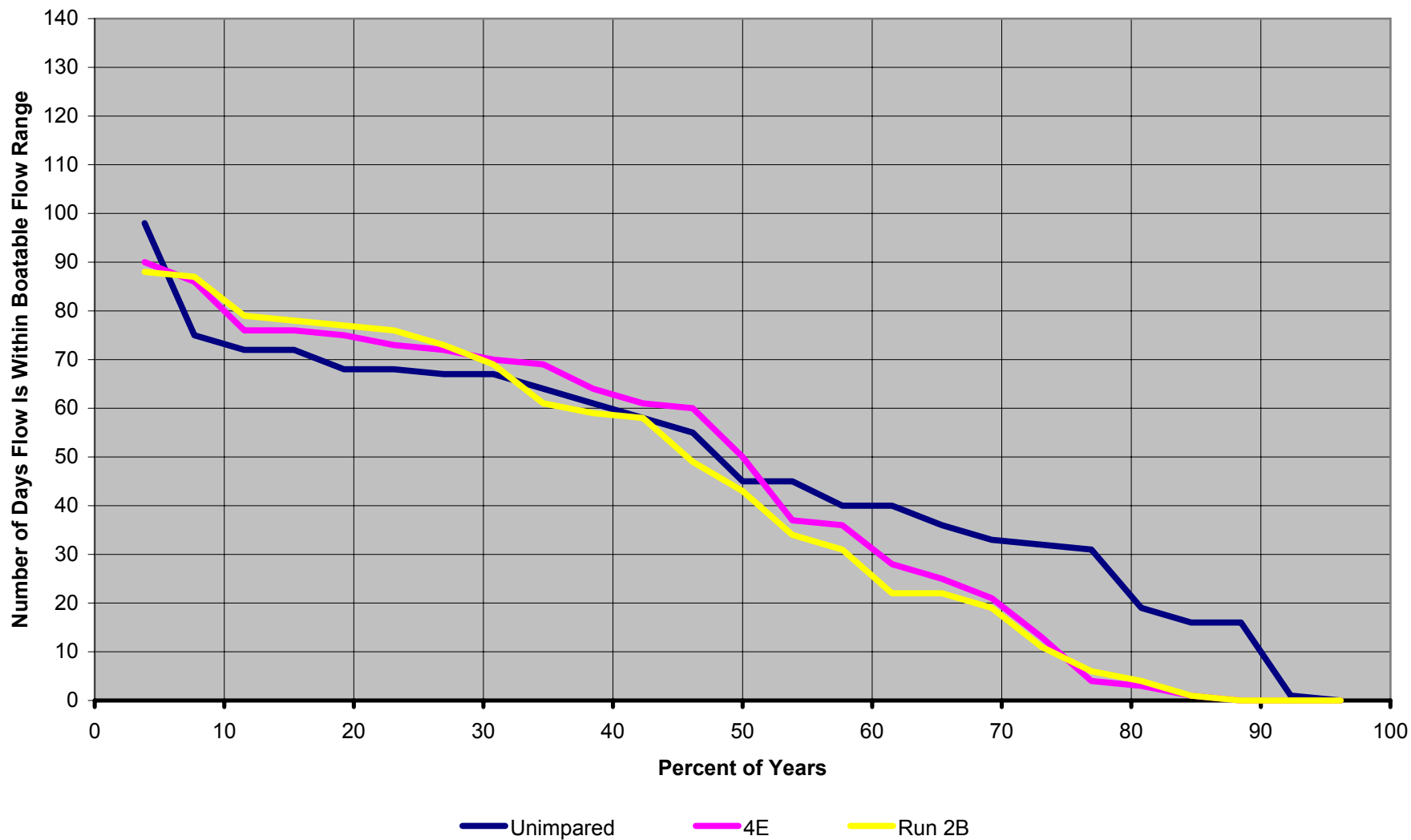
Lower Run

Annual Boatable Days

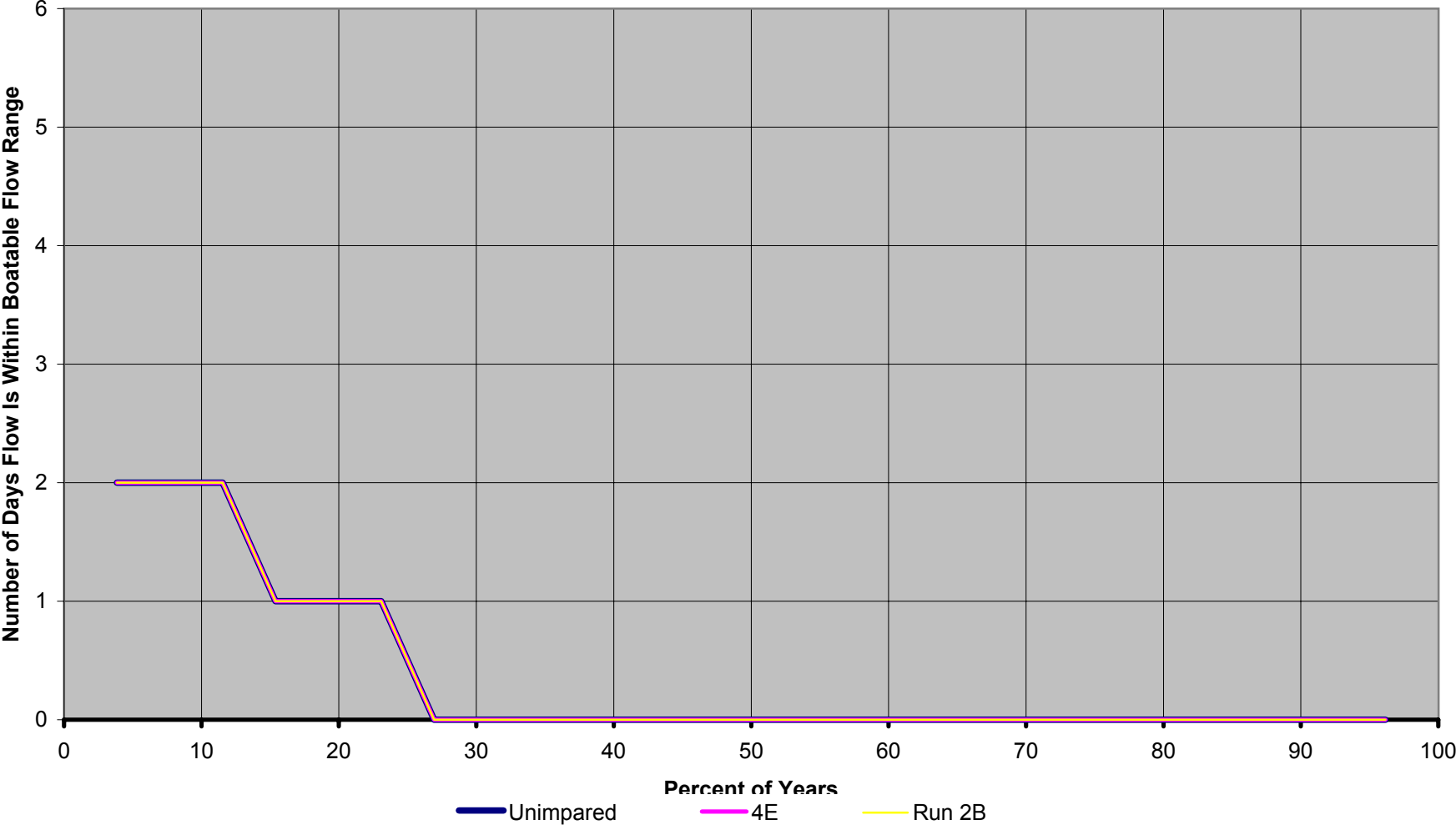


Lower Run

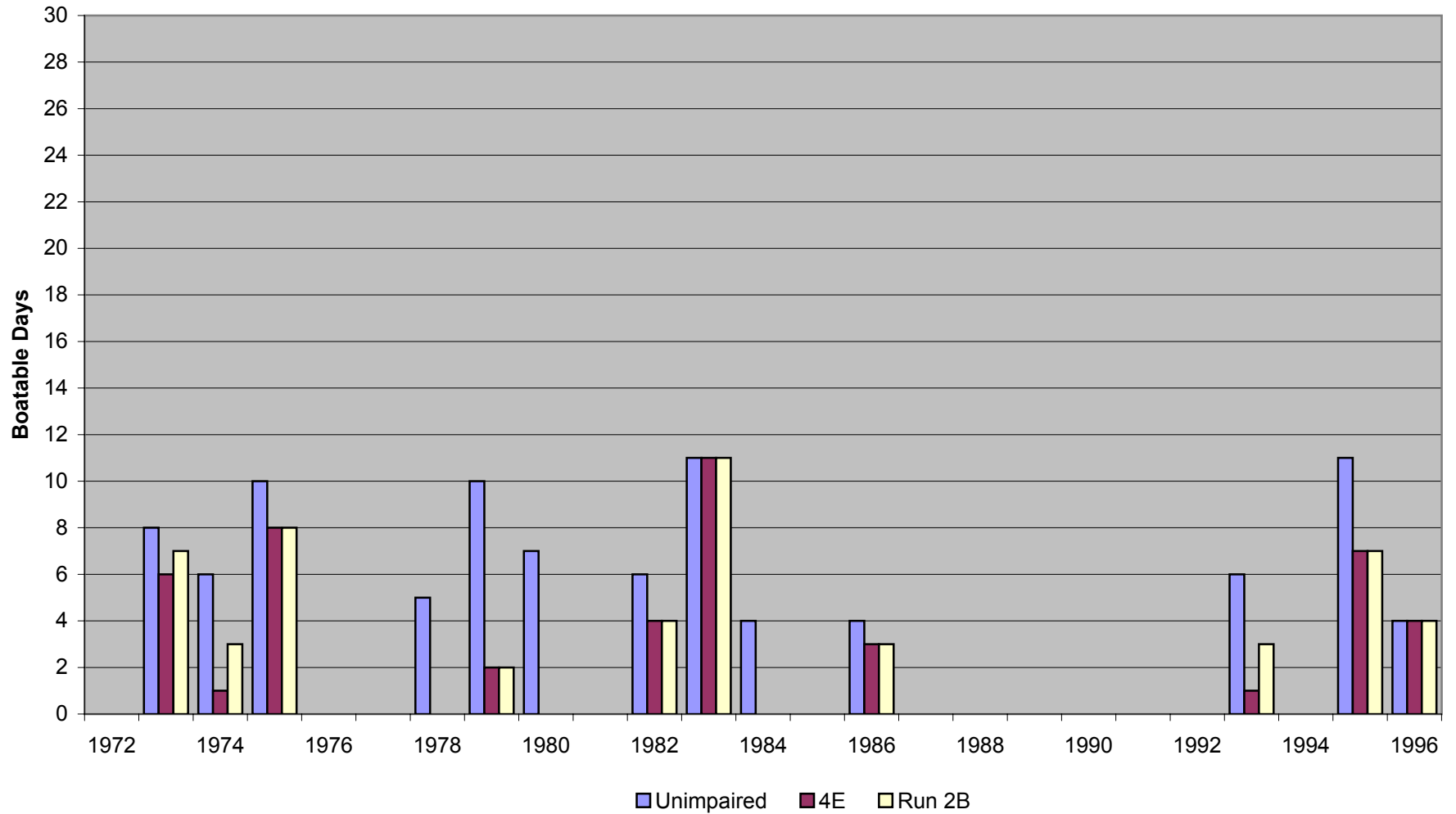
Annual Frequency



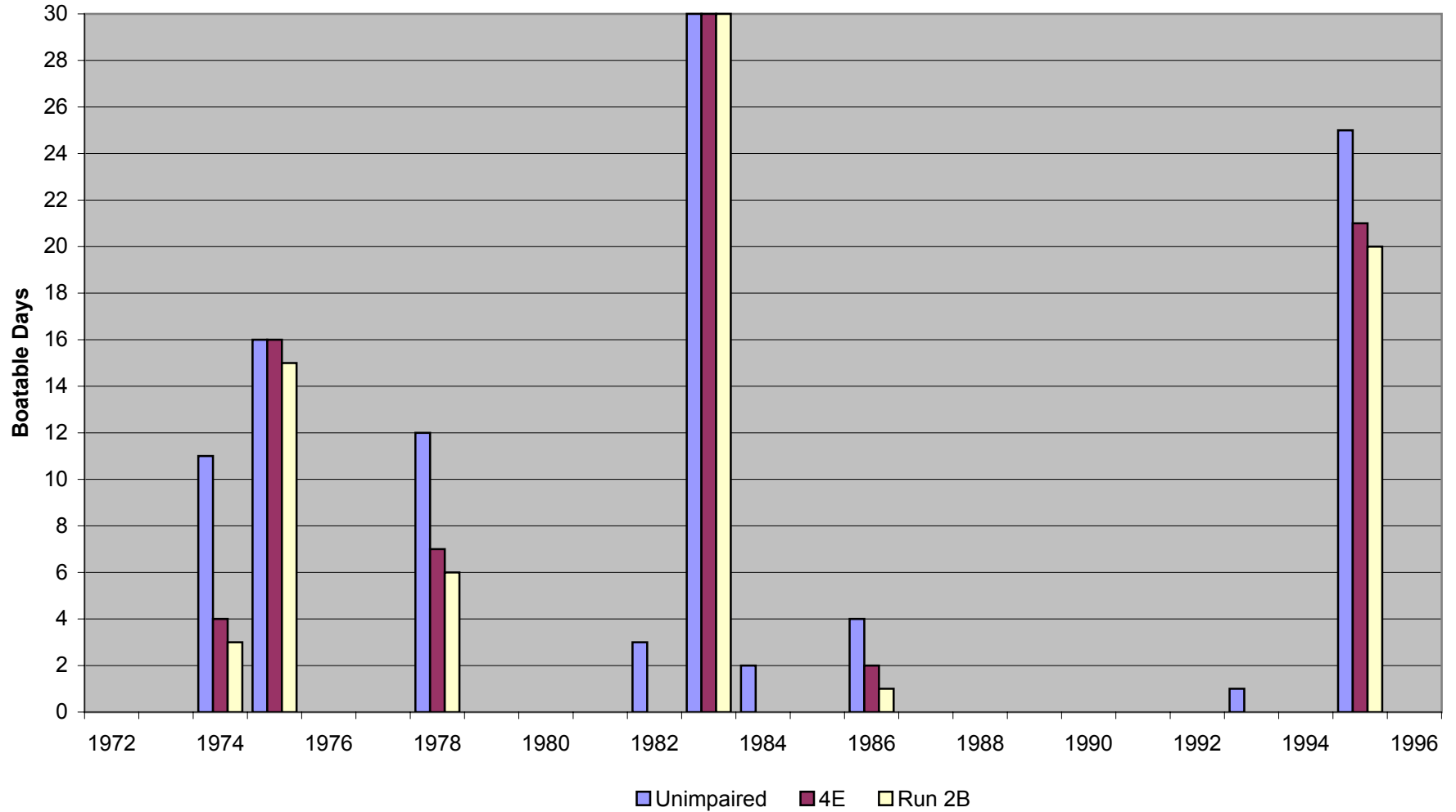
Upper Lover's Leap (Strawberry to Pyramid Creek) Annual Frequency



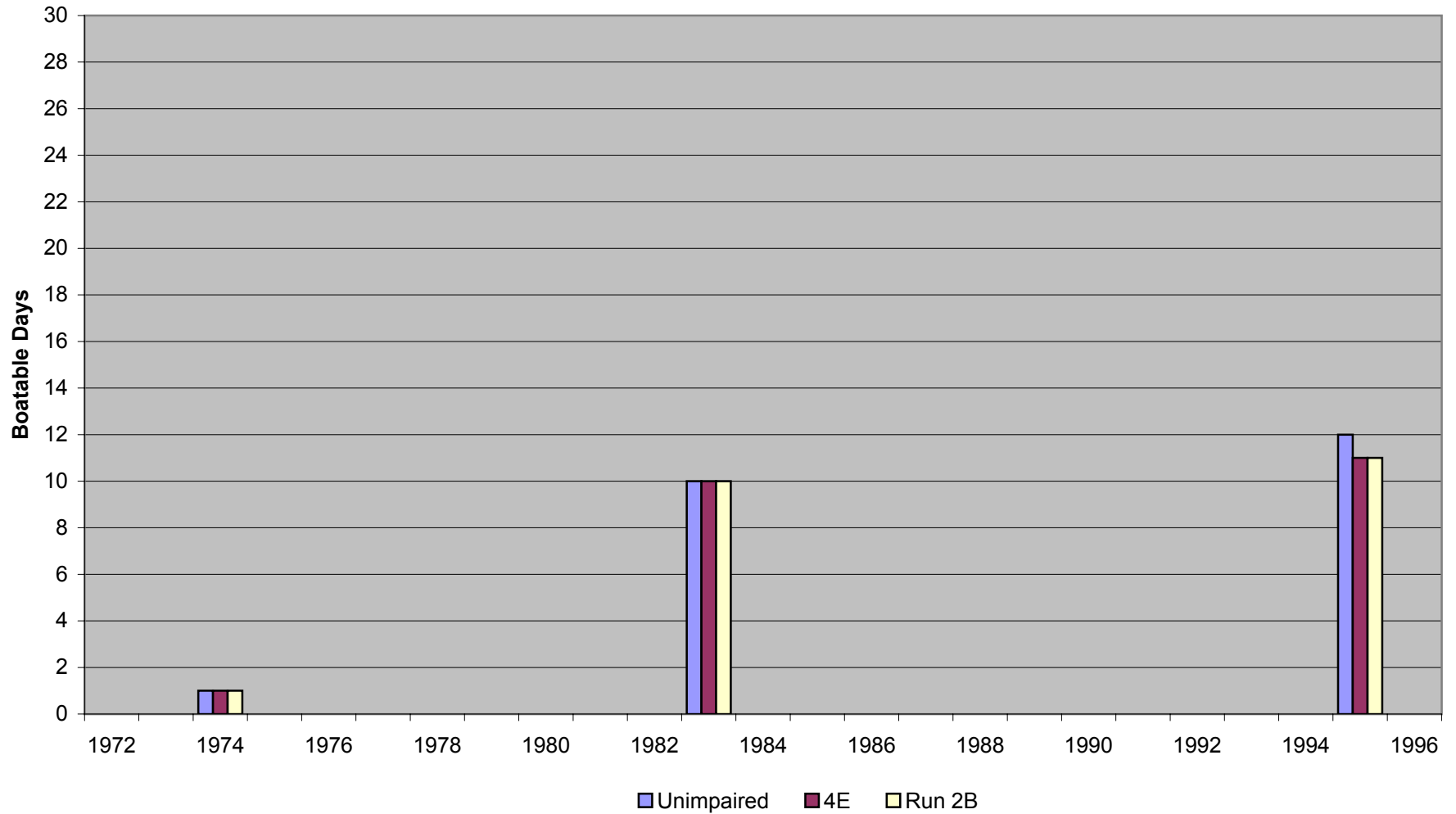
Lower Lover's Leap Run (Pyramid Creek to Kyburz) May Boatable Days



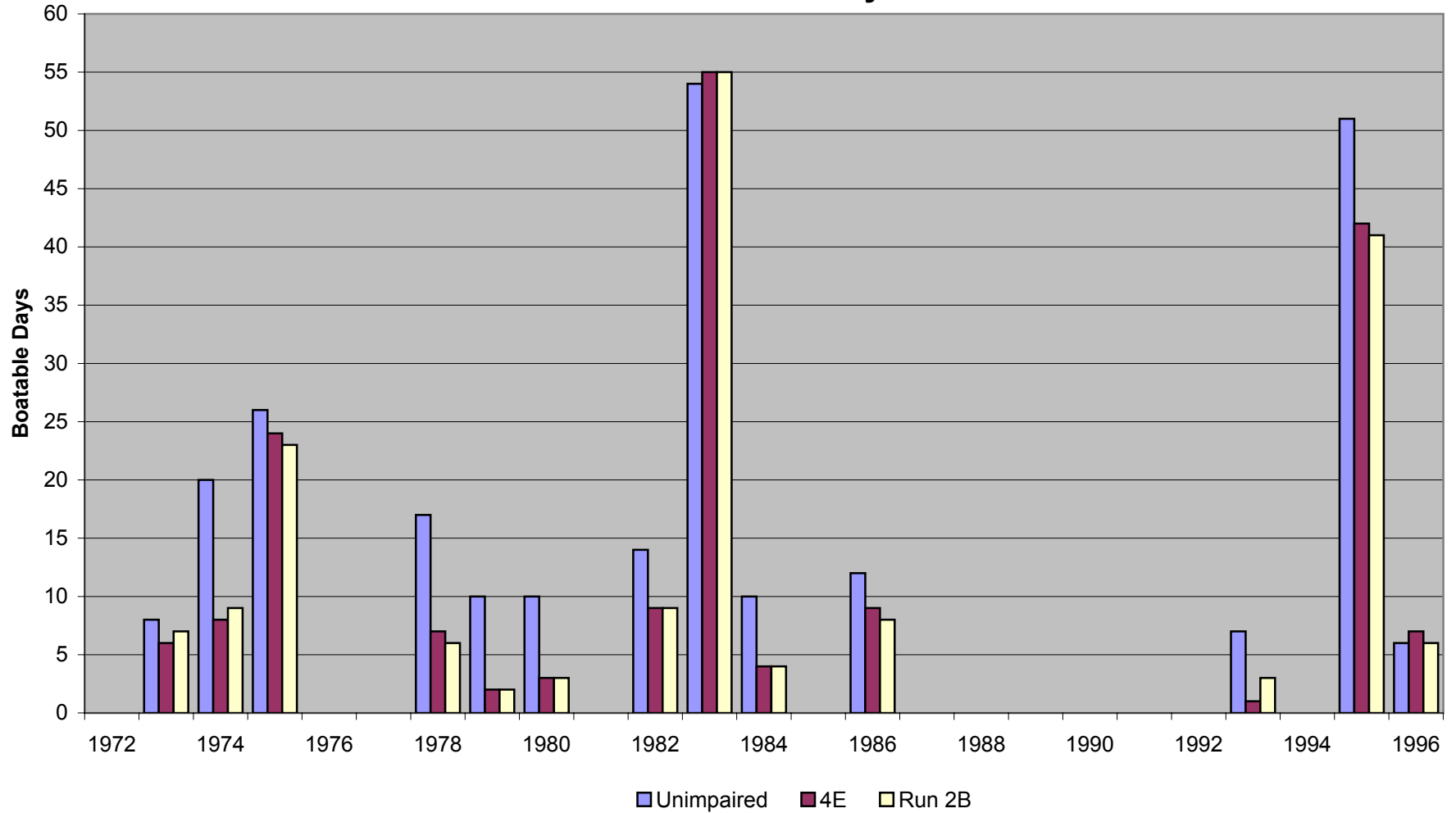
Lower Lover's Leap Run (Pyramid Creek to Kyburz) June Boatable Days



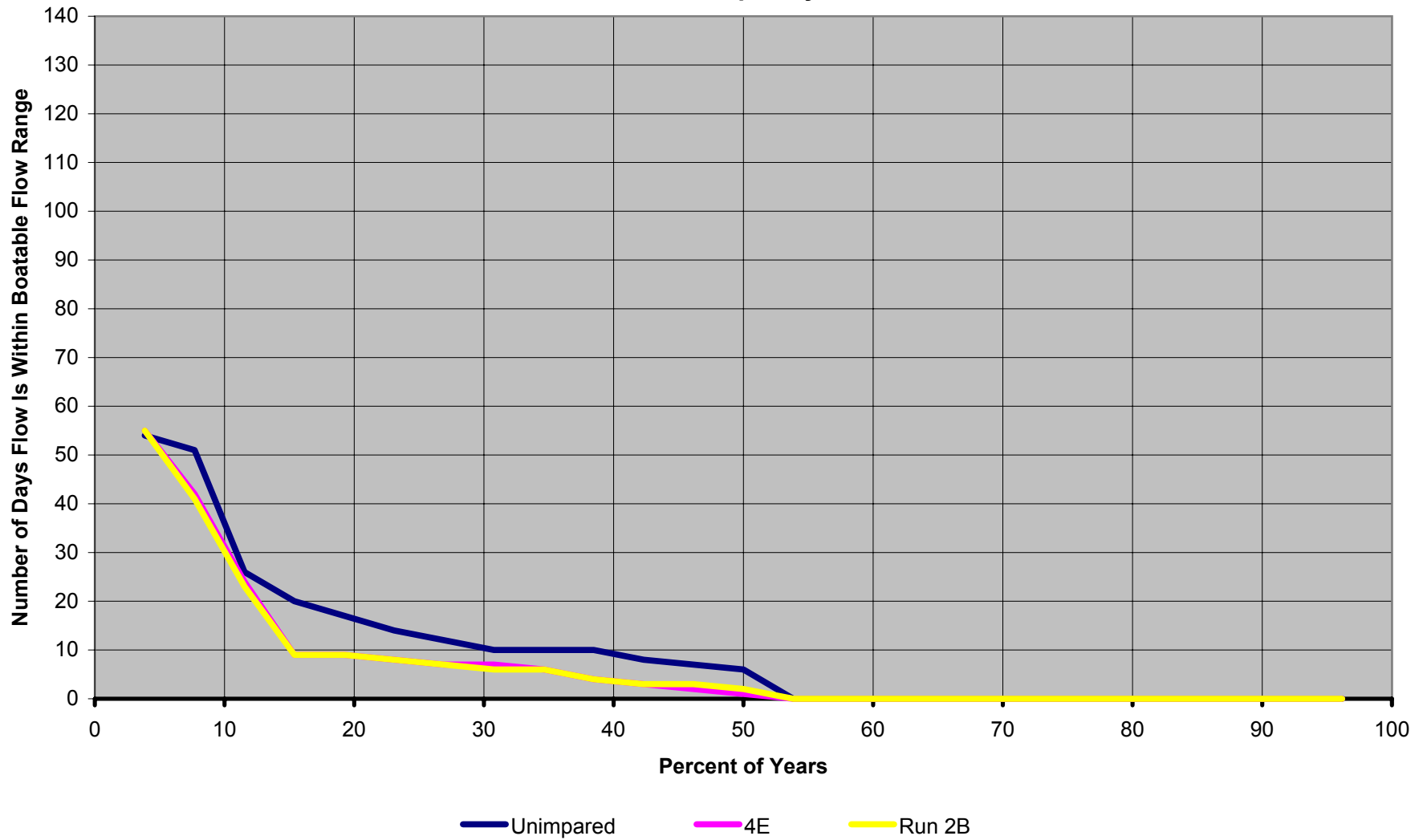
Lower Lover's Leap Run (Pyramid Creek to Kyburz) July Boatable Days



Lower Lover's Leap Run (Pyramid Creek to Kyburz) Annual Boatable Days

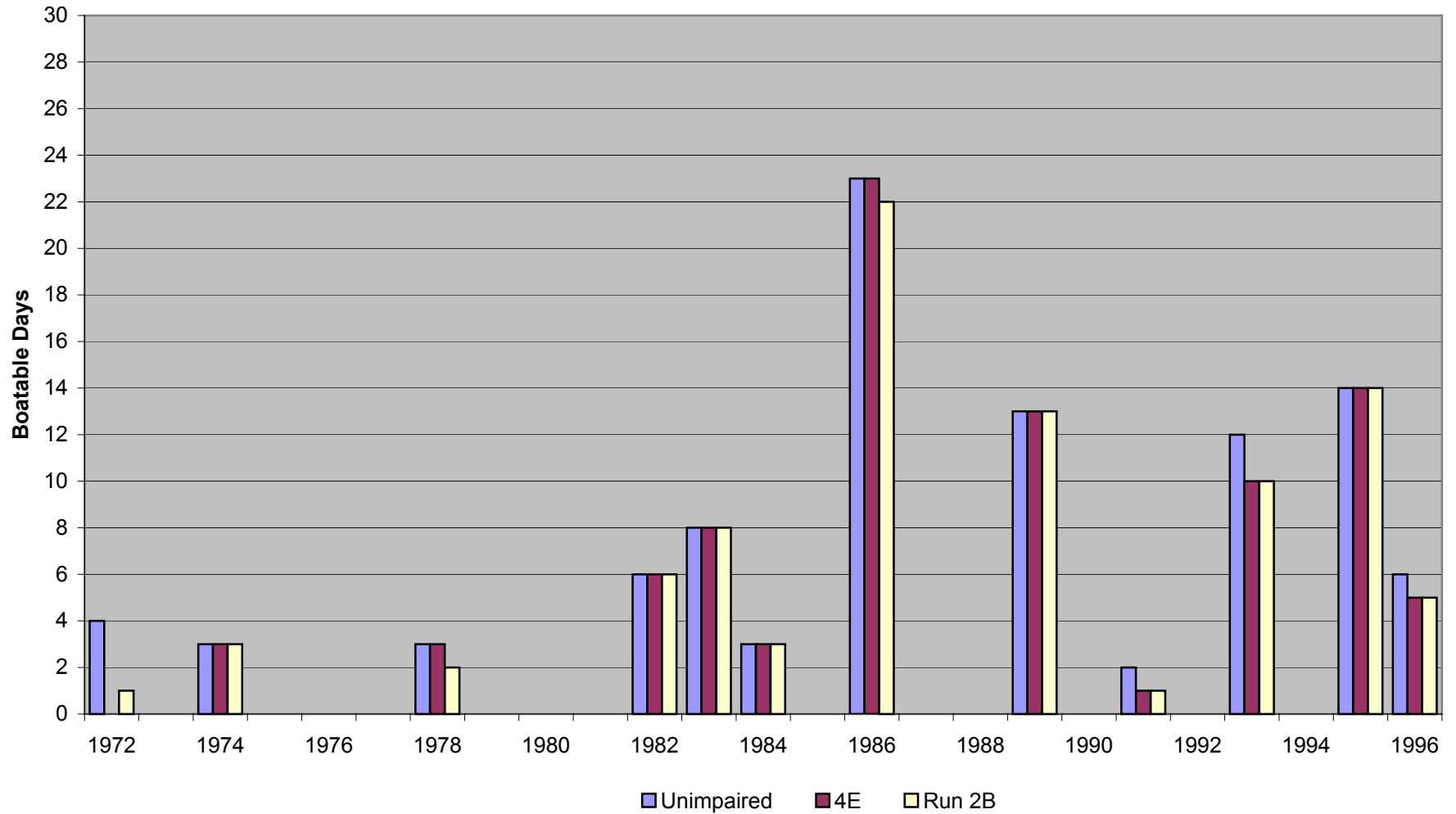


Lower Lover's Leap (Pyramid Creek to Kyburz) Annual Frequency



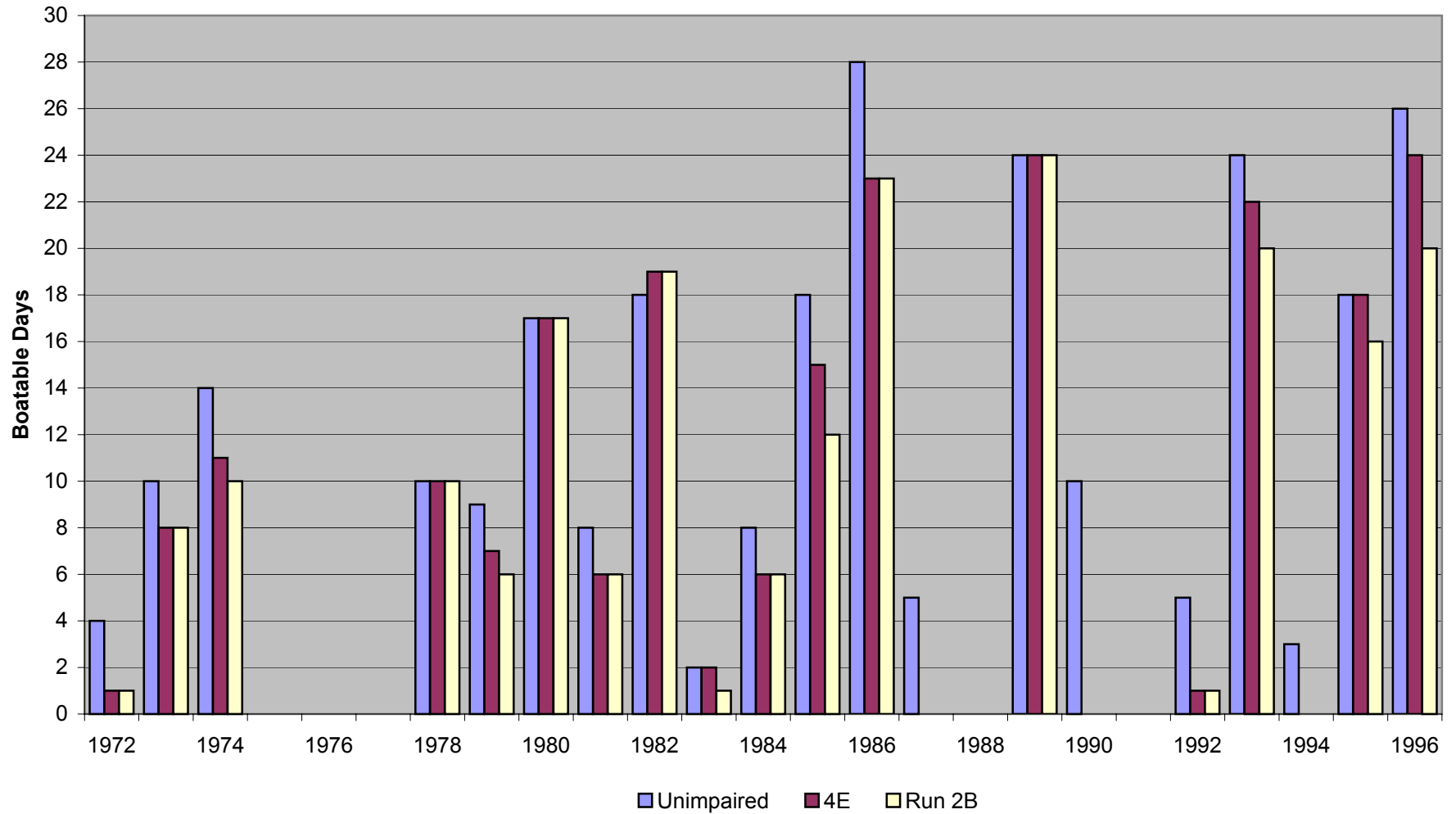
Kyburz to Whitehall Run

March Boatable Days



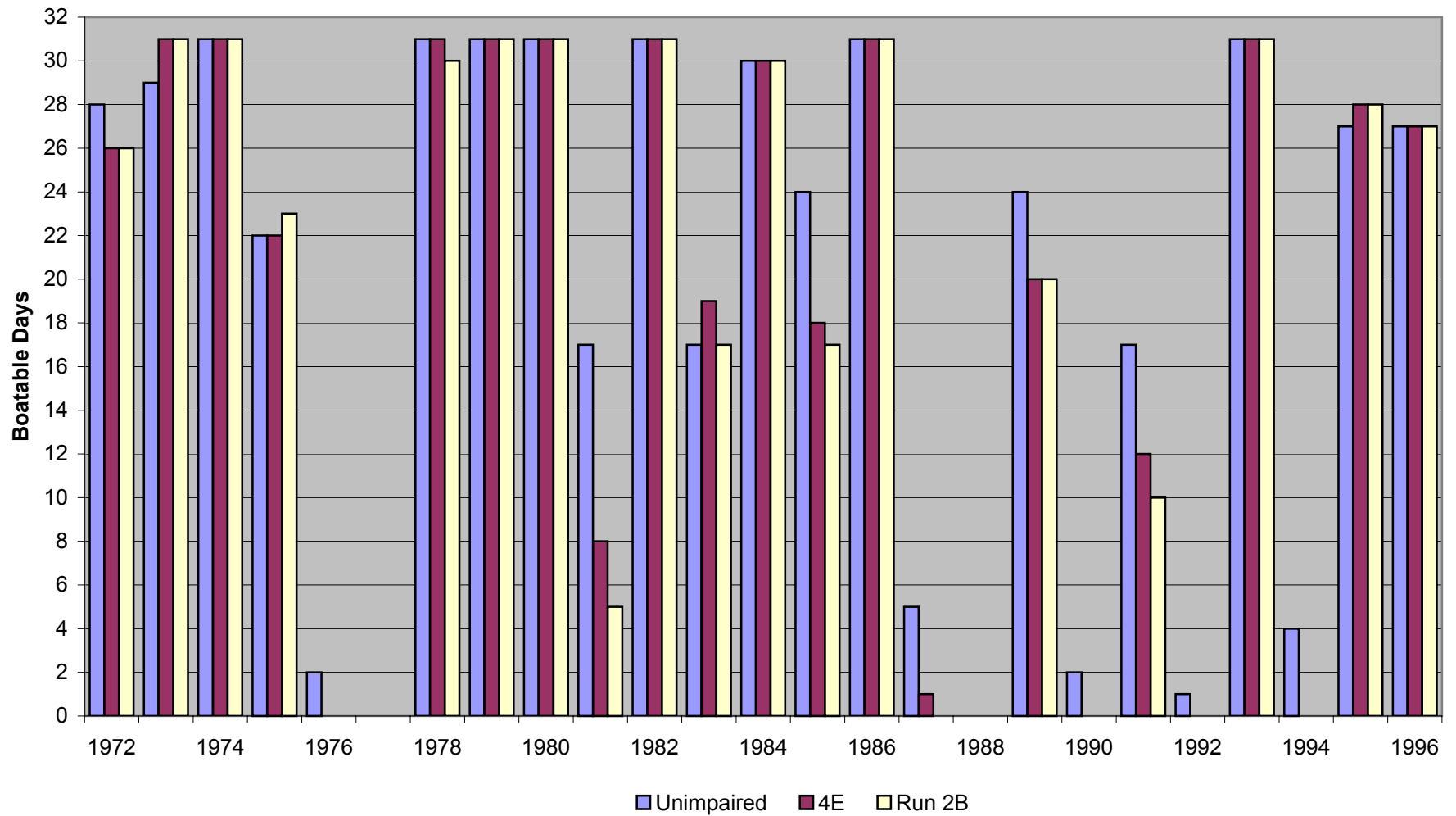
Kyburz to Whitehall Run

April Boatable Days



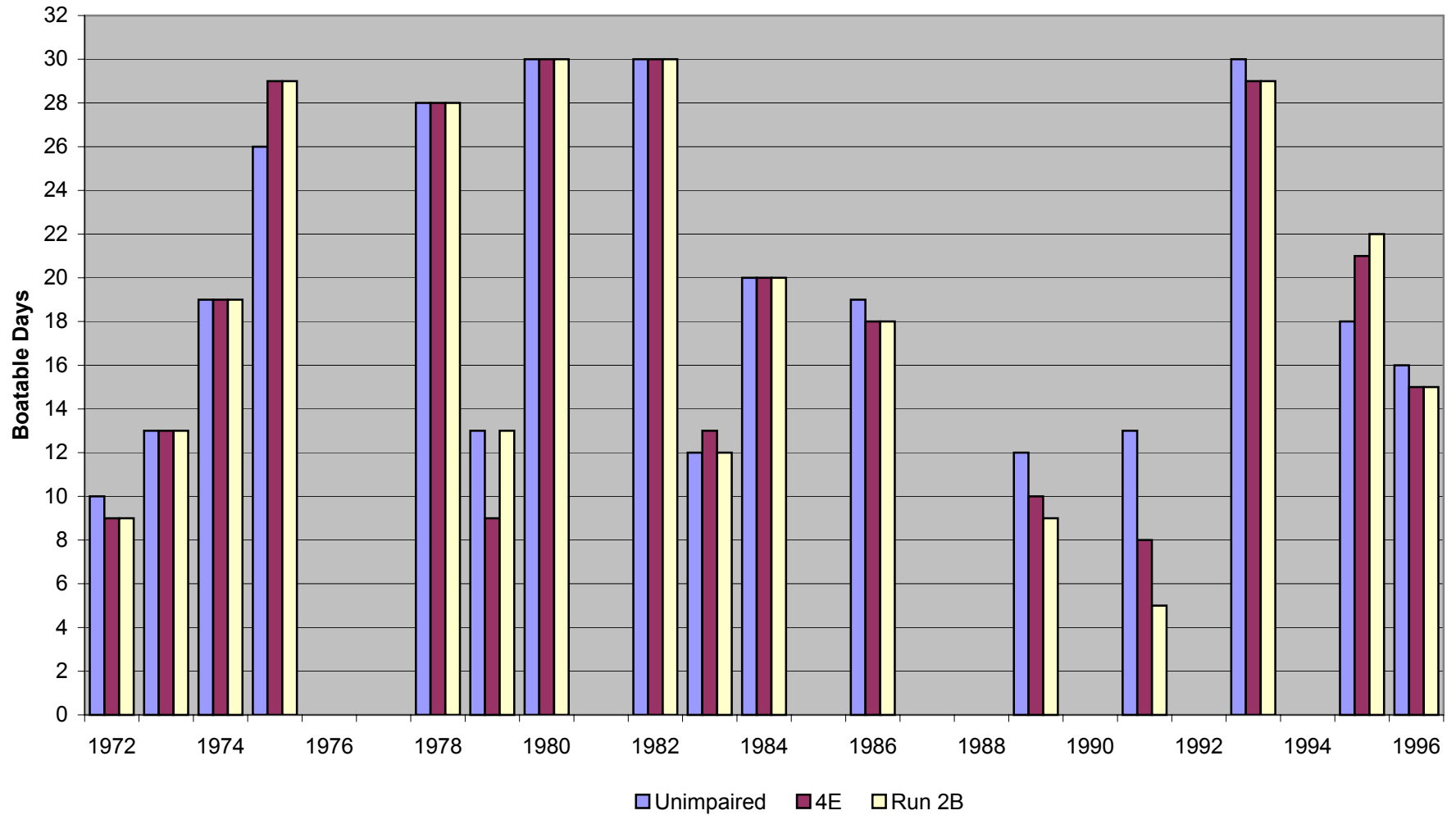
Kyburz to Whitehall Run

May Boatable Days



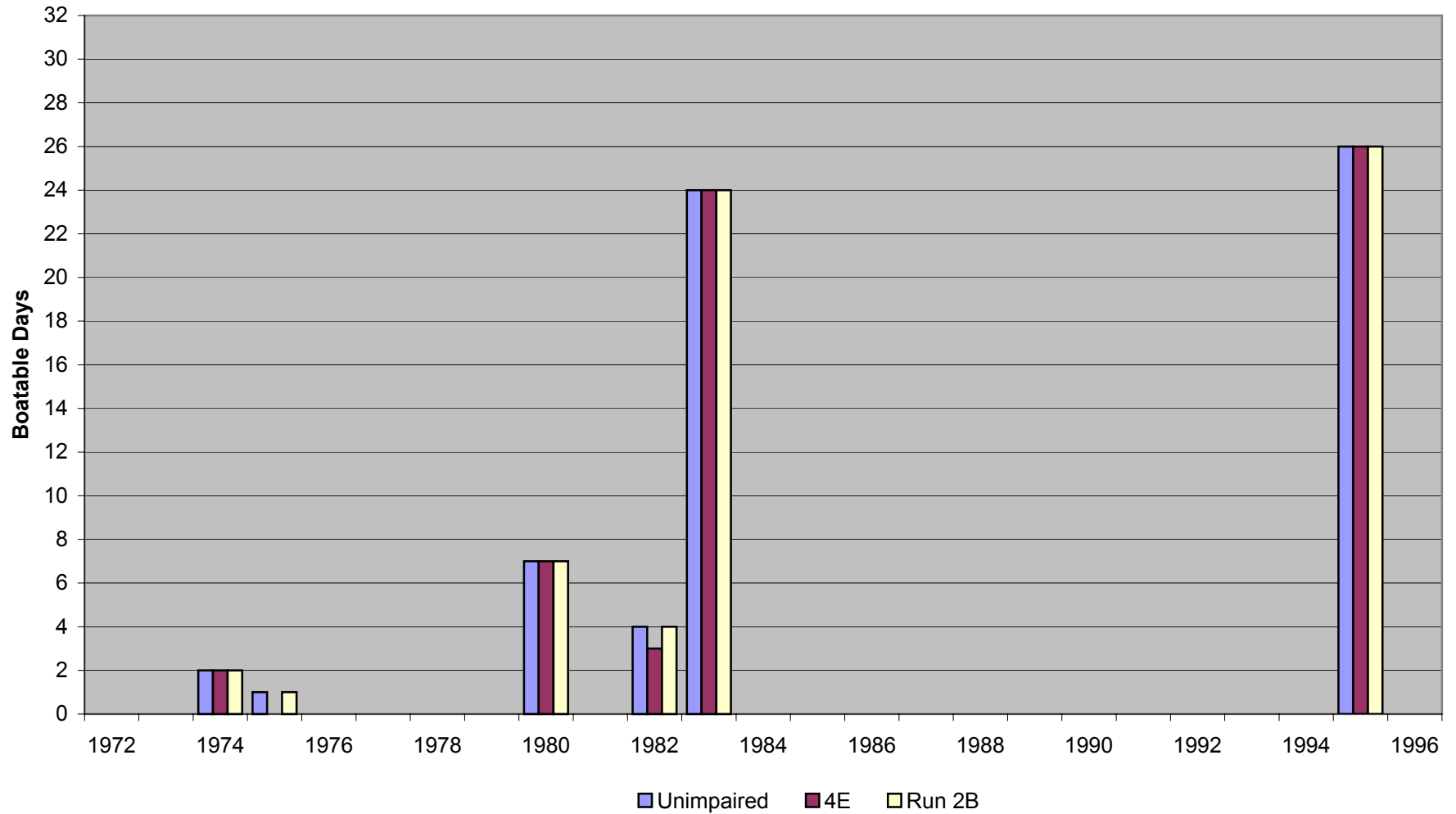
Kyburz to Whitehall Run

June Boatable Days



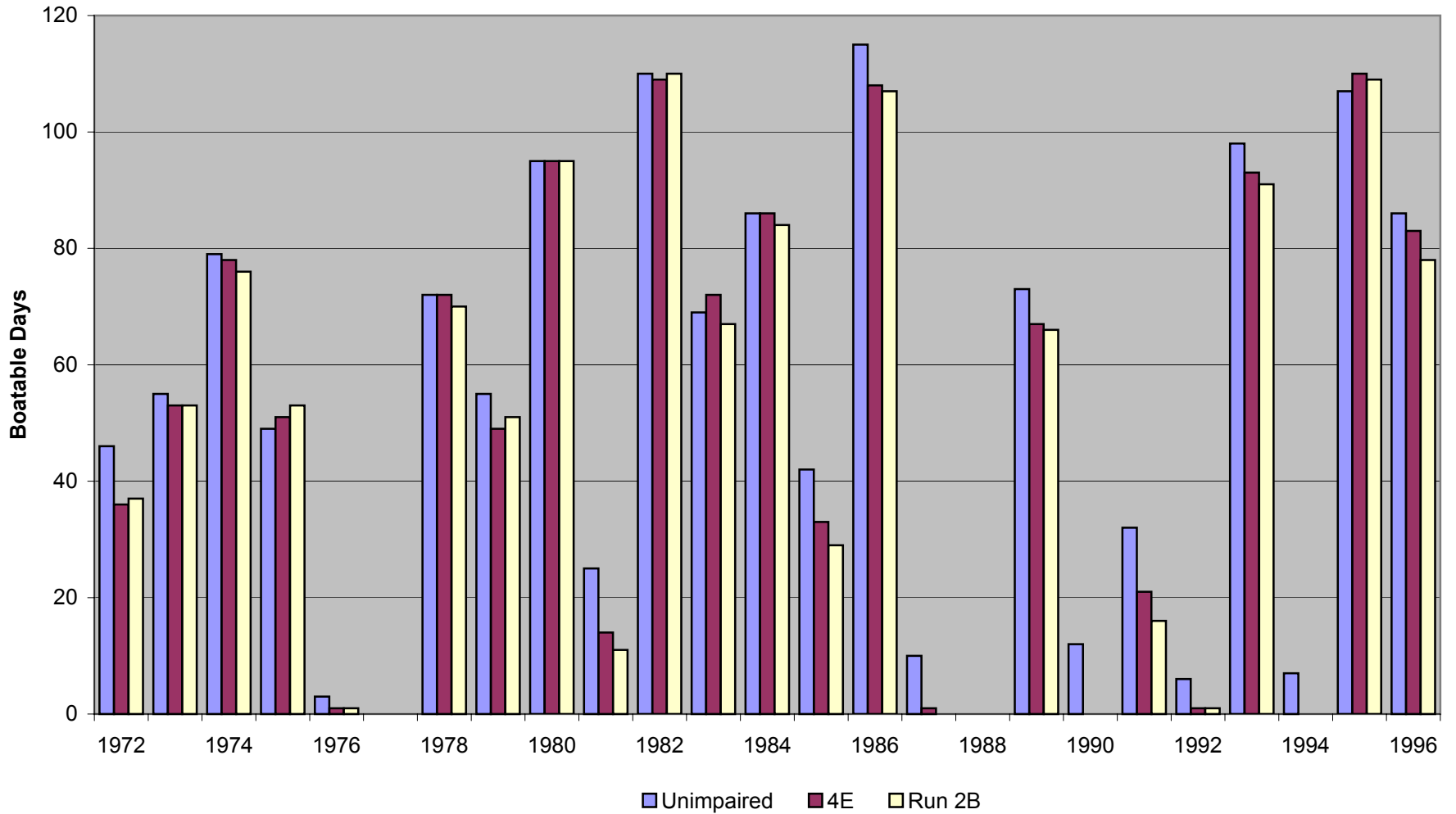
Kyburz to Whitehall Run

July Boatable Days



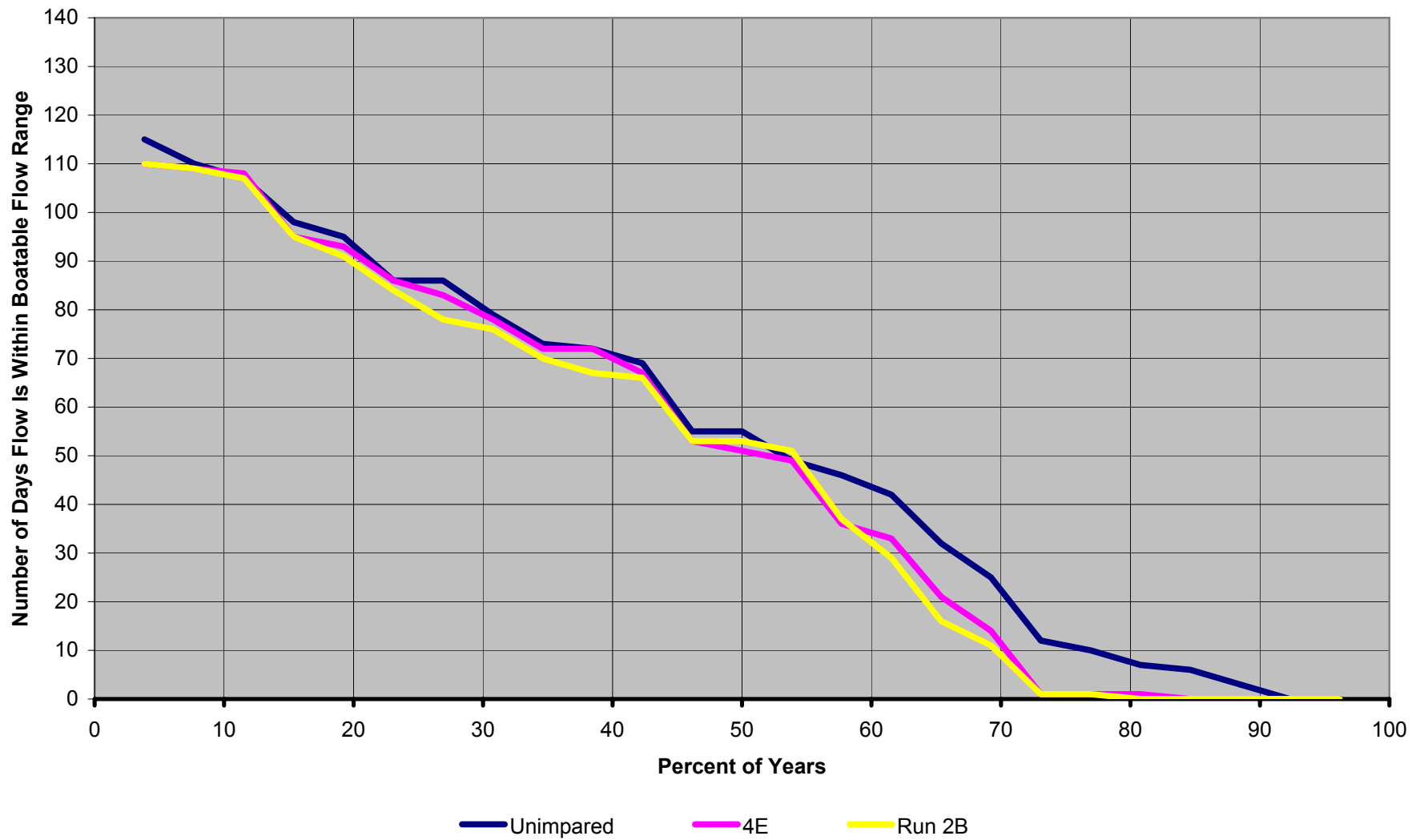
Kyburz to Whitehall Run

Annual Boatable Days



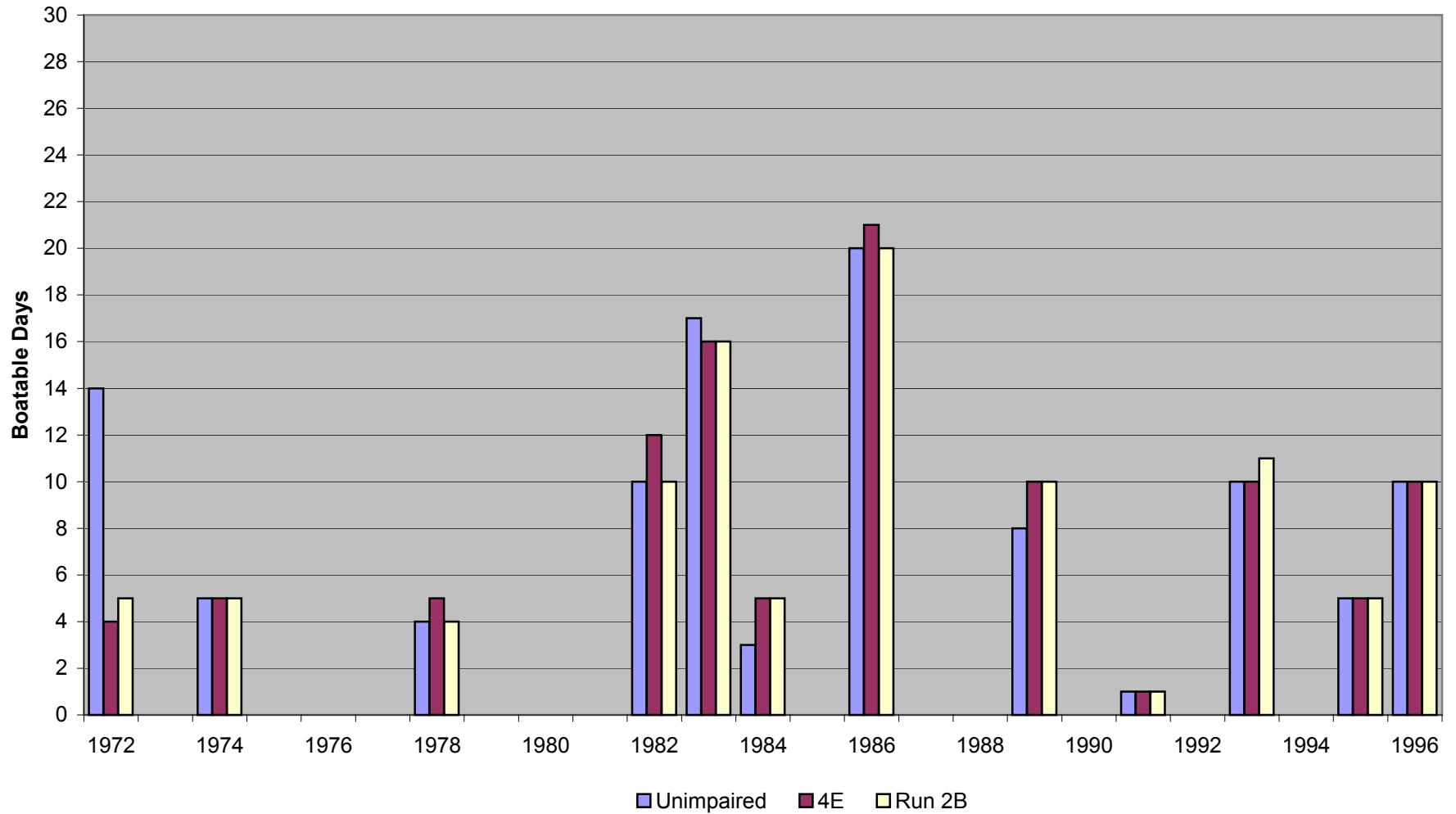
Kyburz to Whitehall Run

Annual Frequency



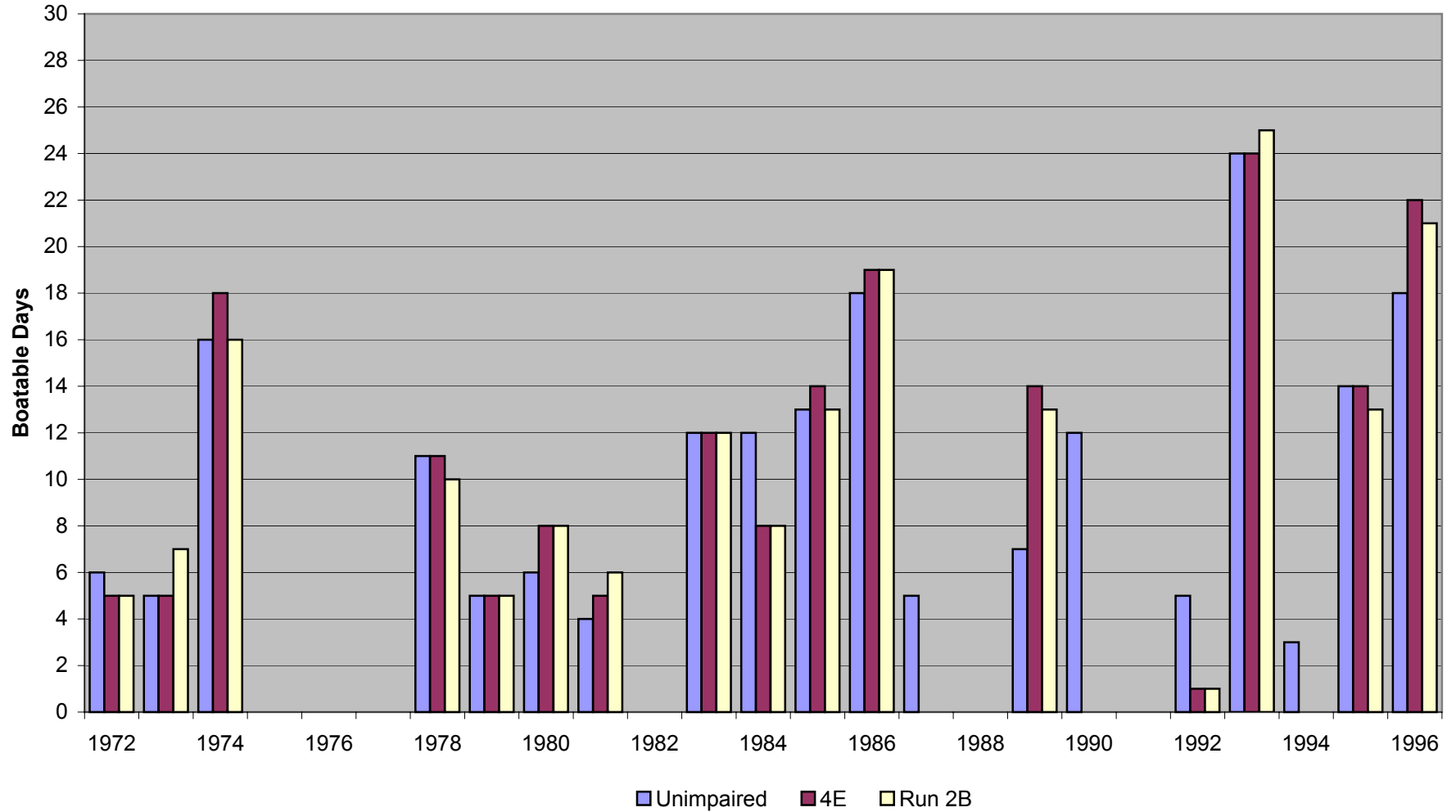
Whitehall-Riverton Run

March Boatable Days



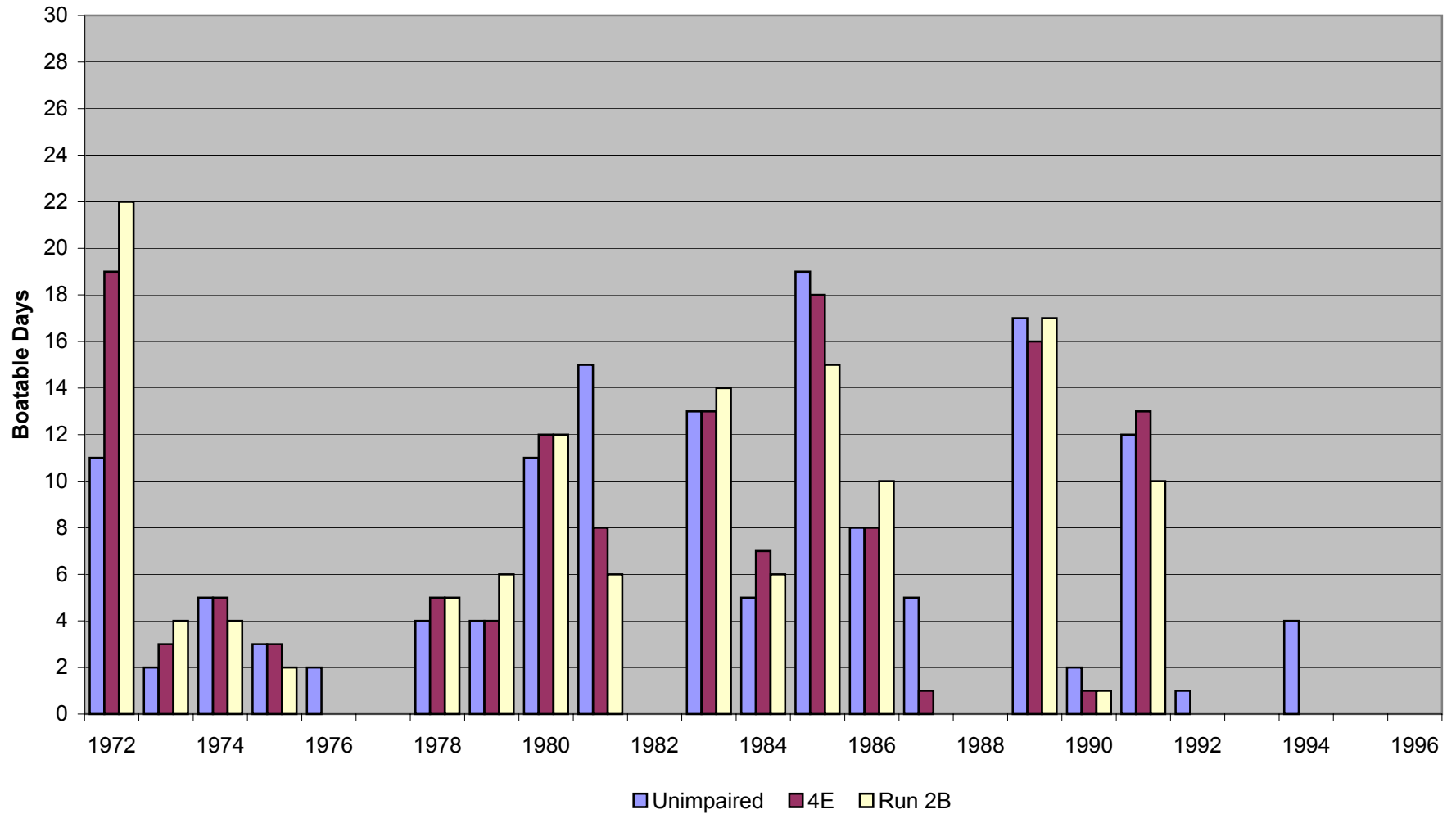
Whitehall-Riverton Run

April Boatable Days



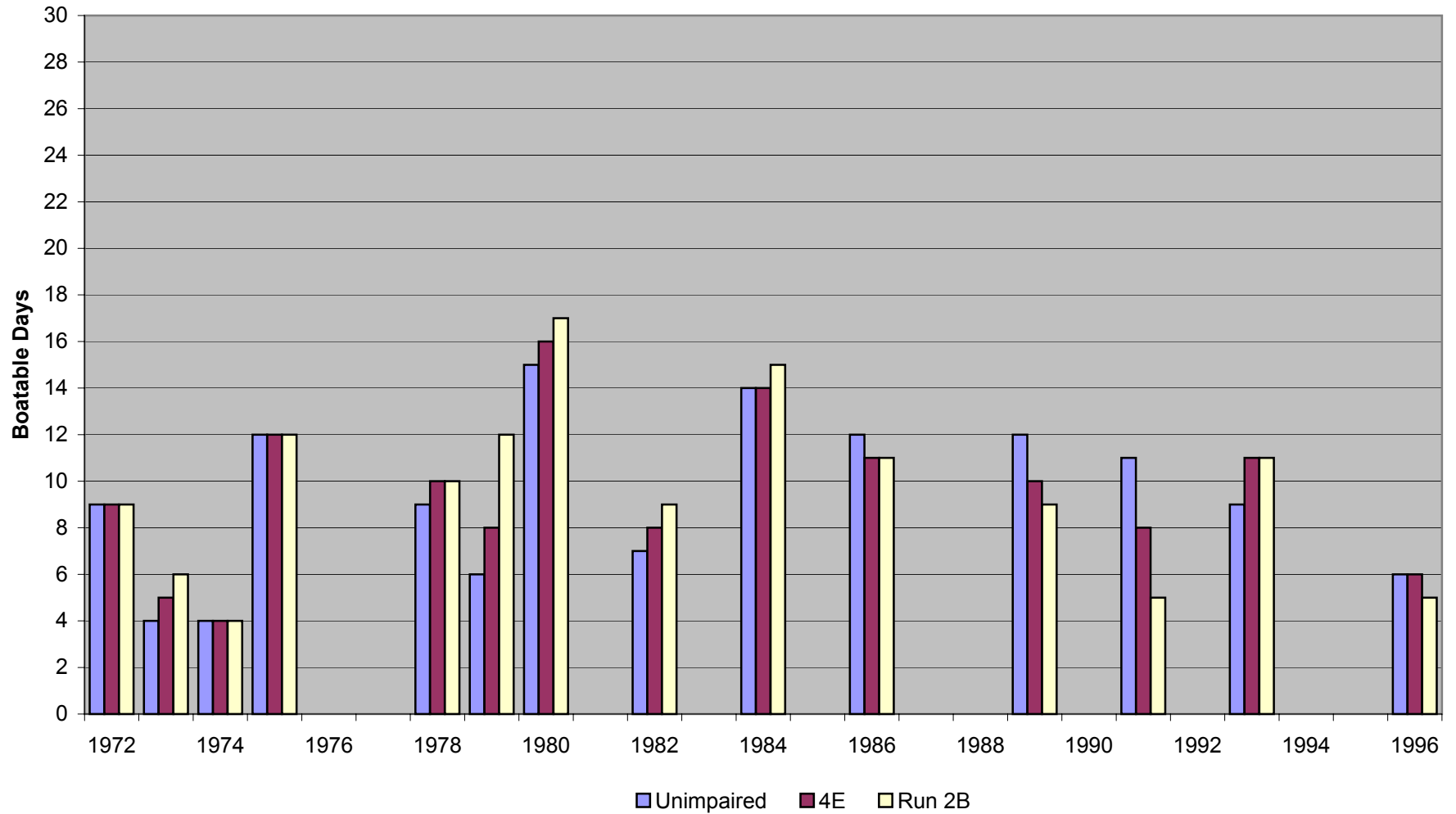
Whitehall-Riverton Run

May Boatable Days



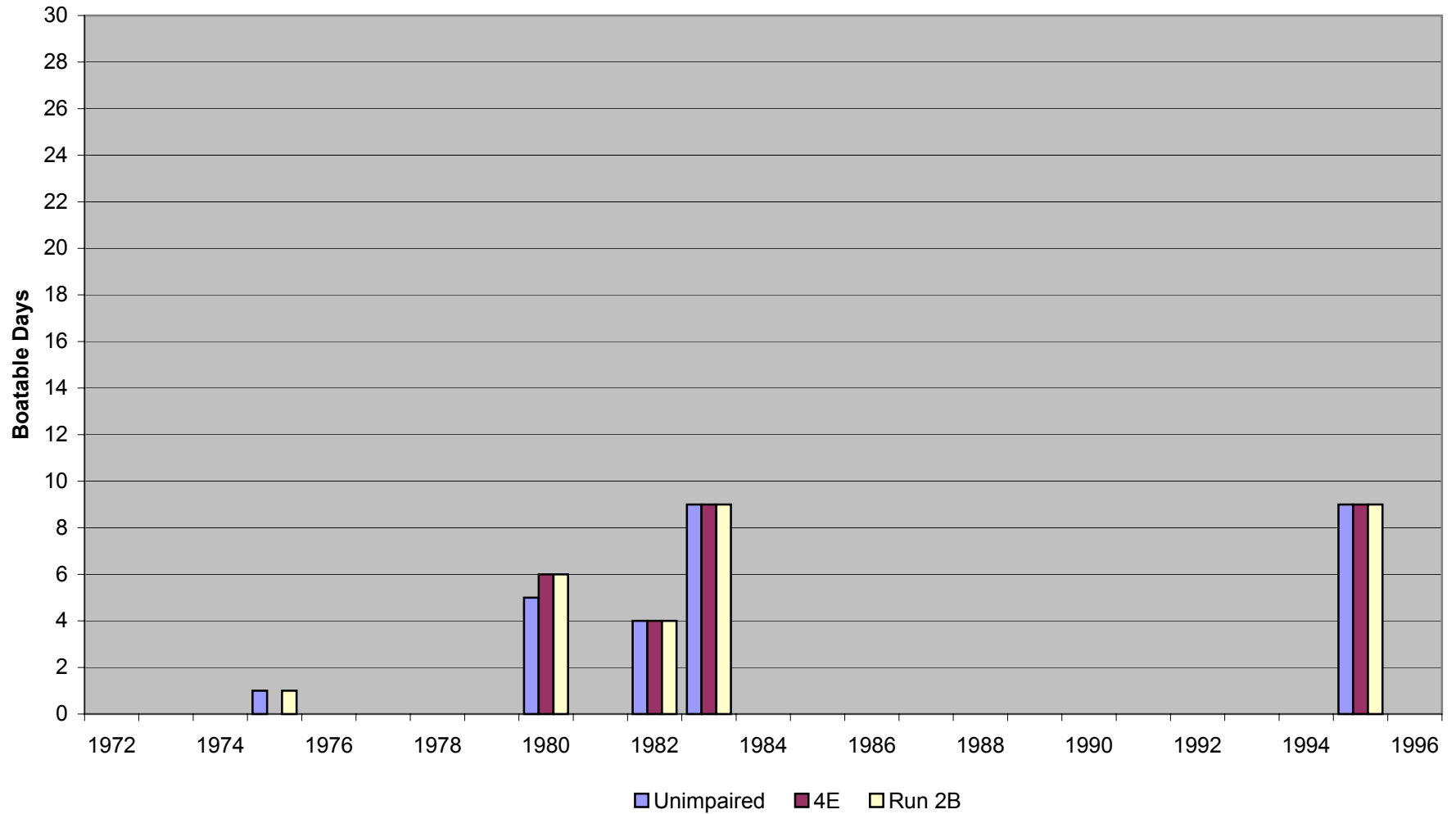
Whitehall-Riverton Run

June Boatable Days



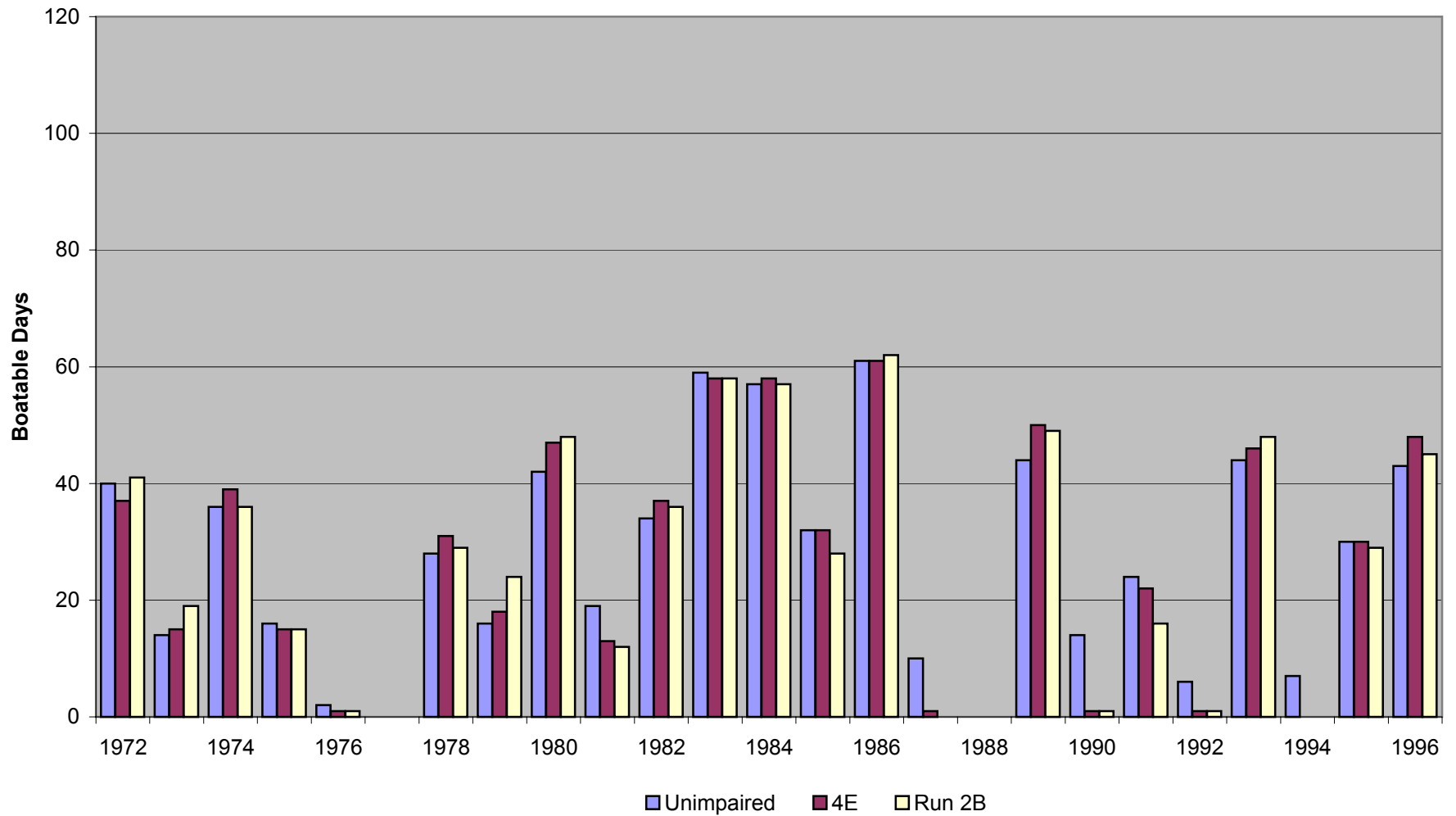
Whitehall-Riverton Run

July Boatable Days



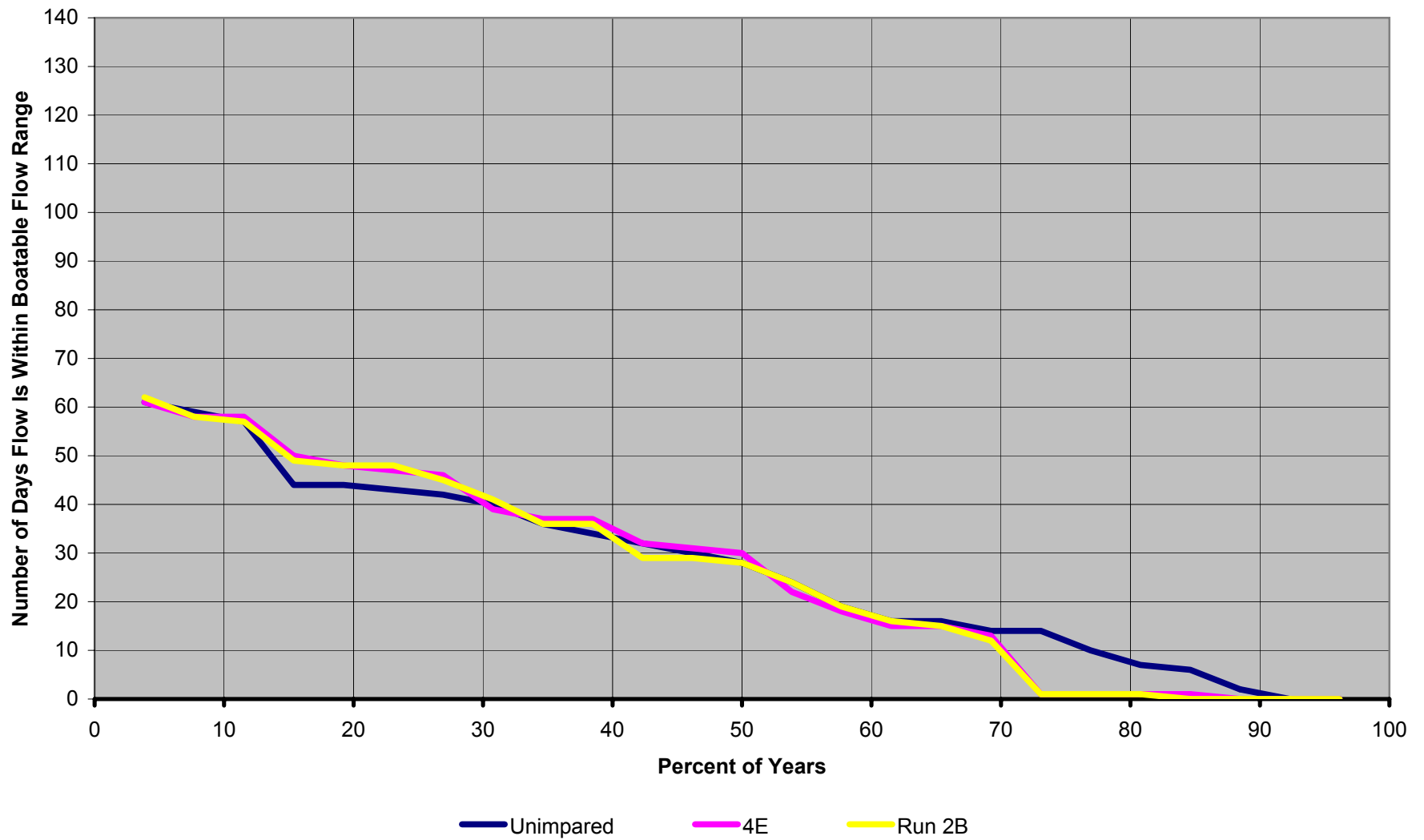
Whitehall-Riverton Run

Annual Boatable Days



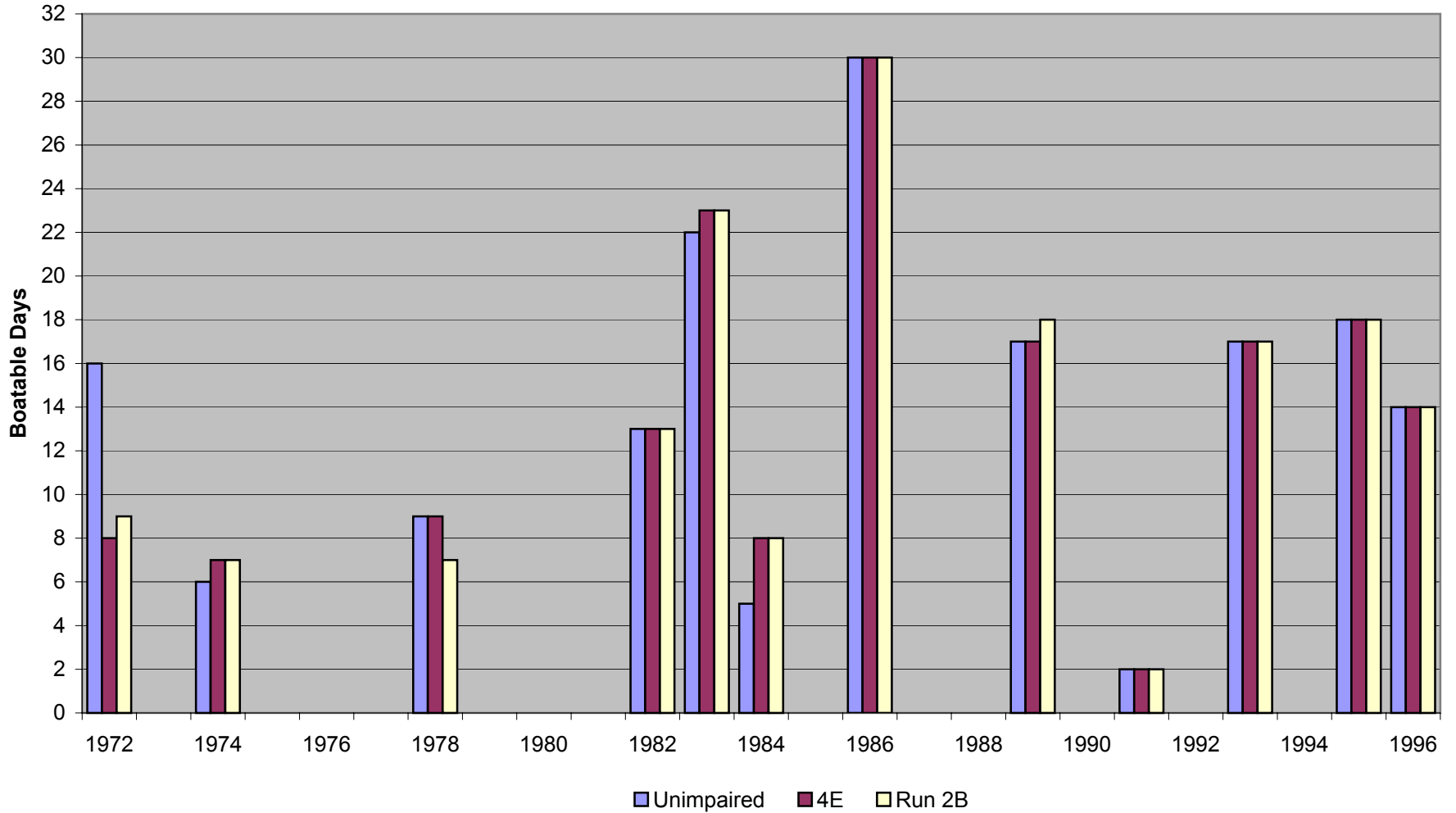
Whitehall to Riverton

Annual Frequency



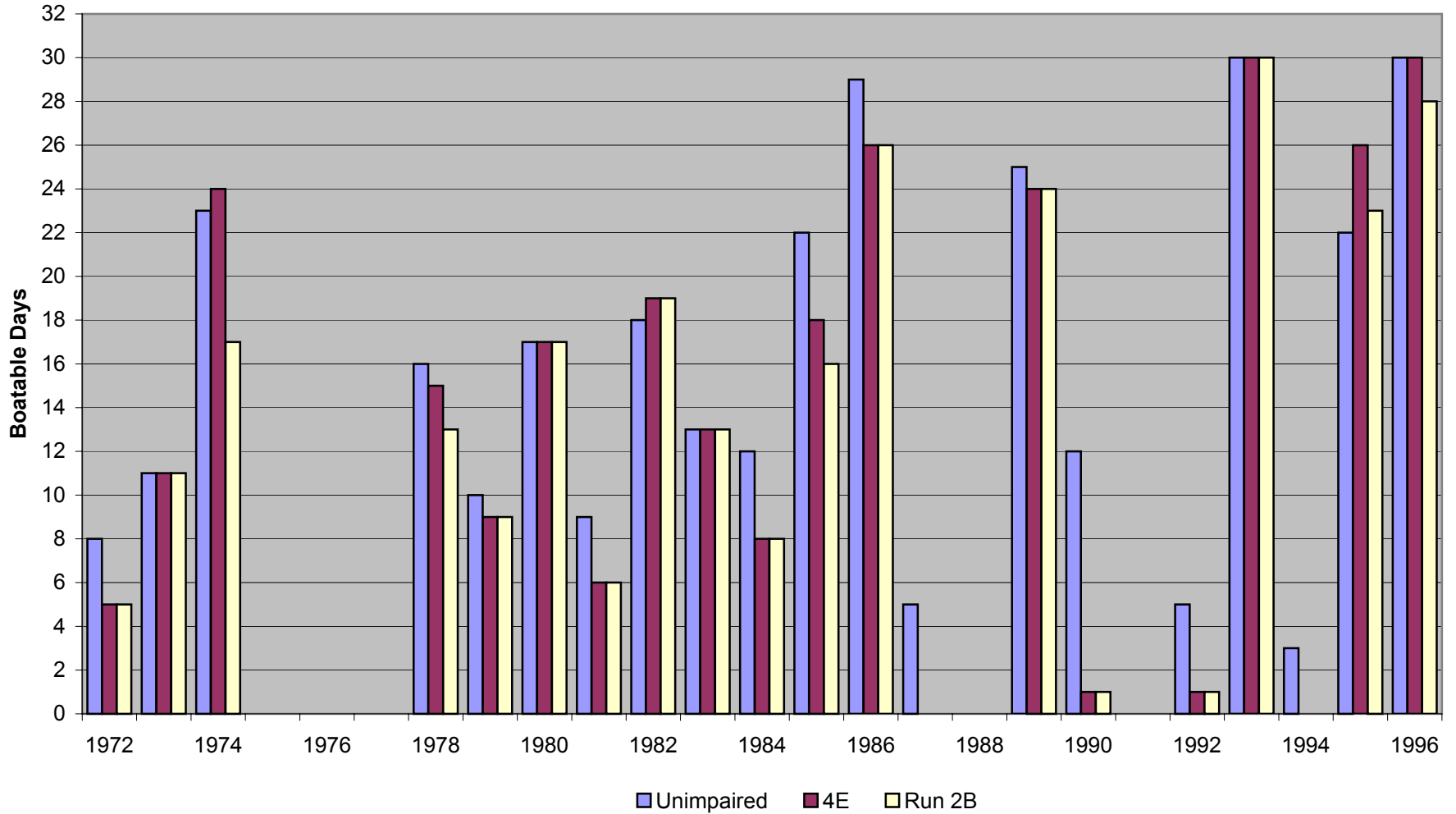
Riverton-Peavine Run

March Boatable Days



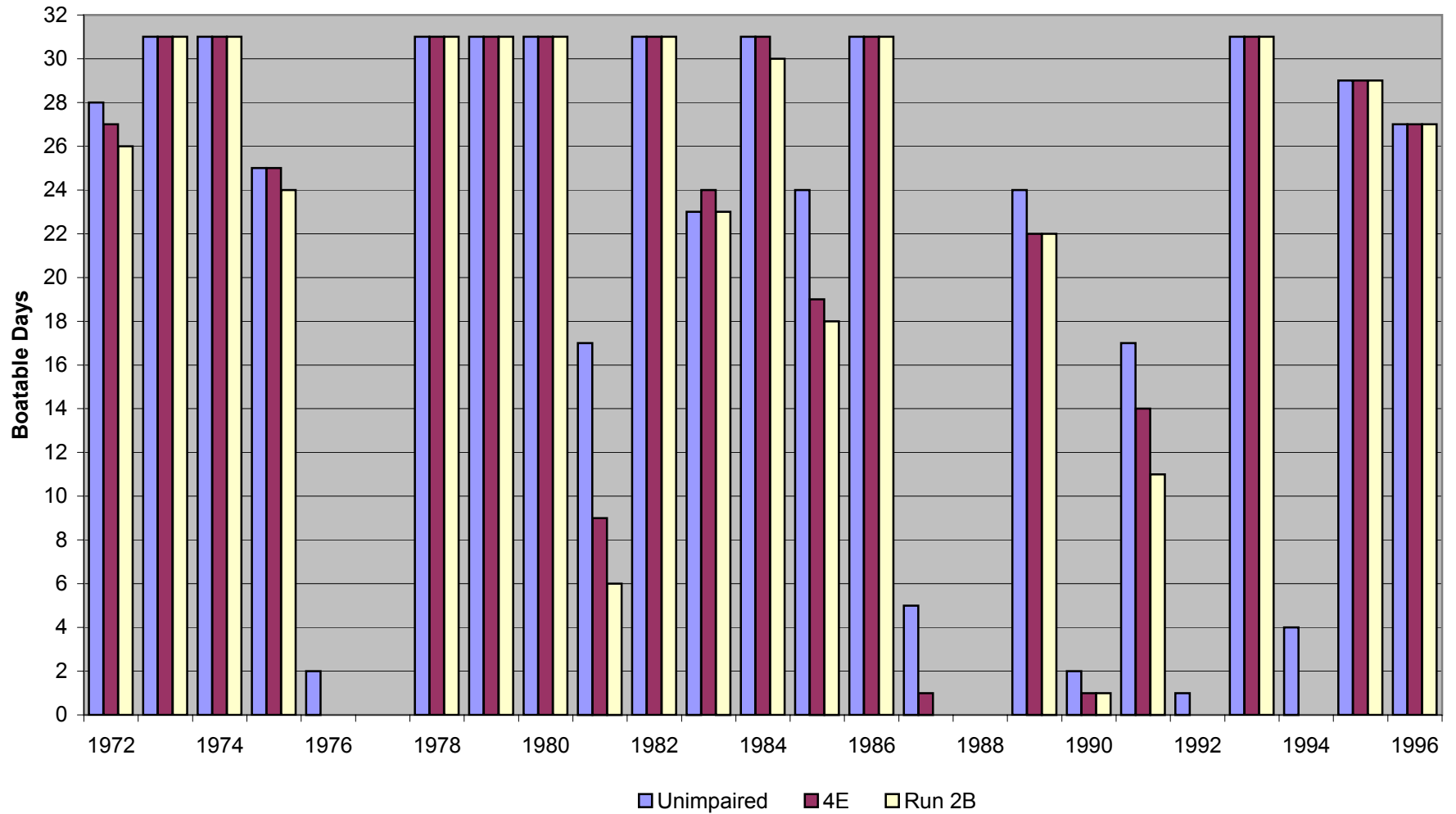
Riverton-Peavine Run

April Boatable Days



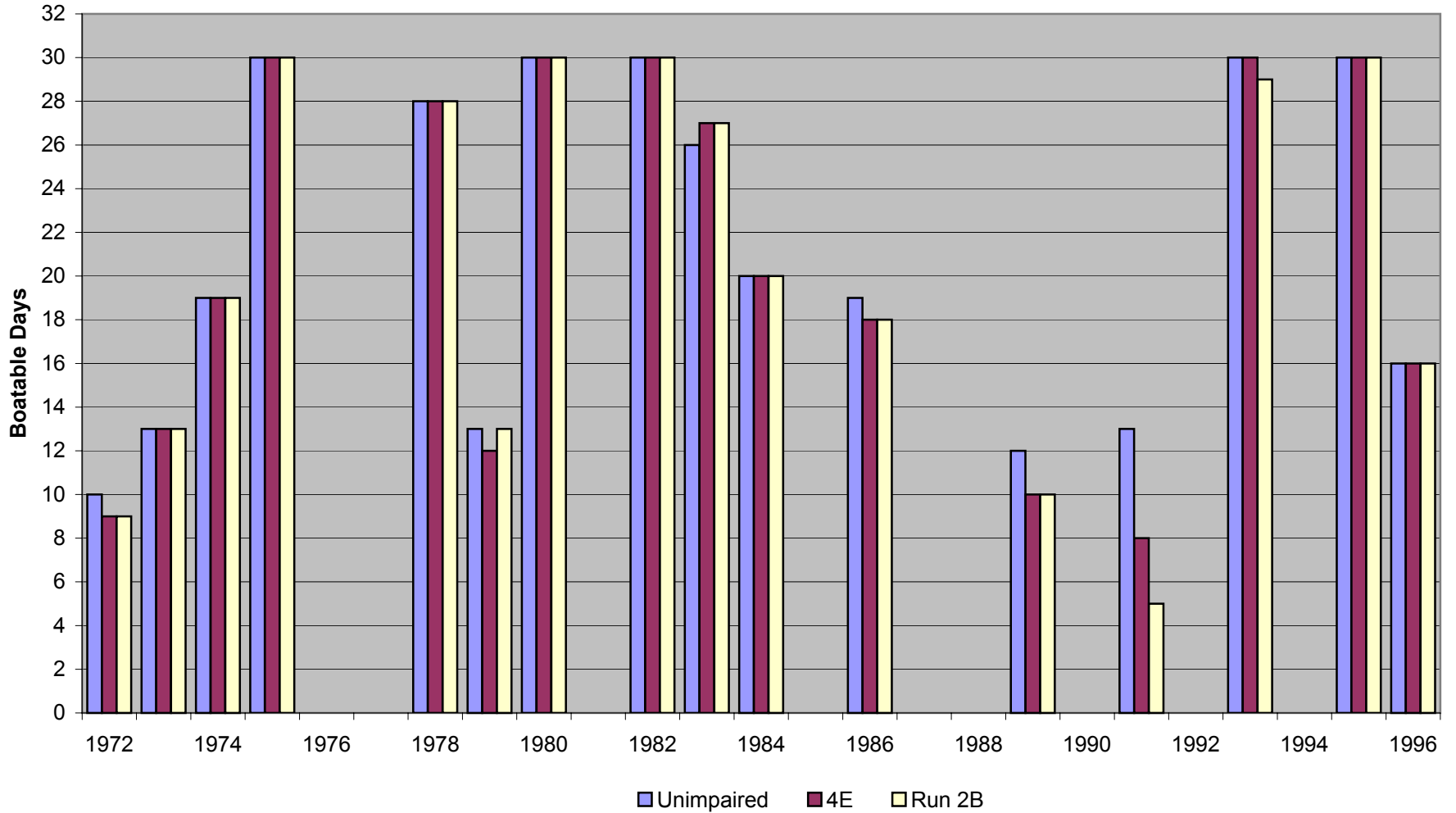
Riverton-Peavine Run

May Boatable Days



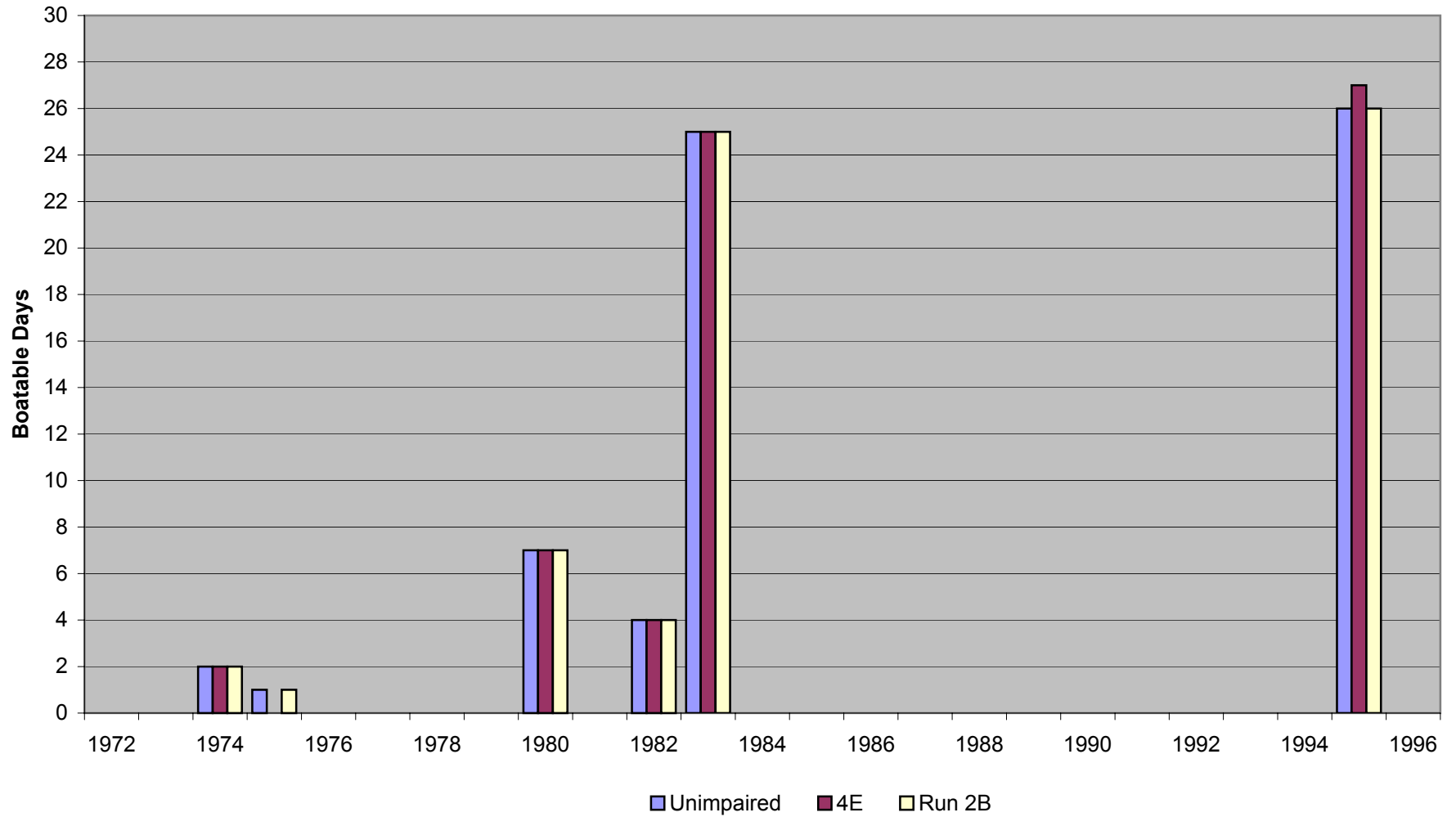
Riverton-Peavine Run

June Boatable Days



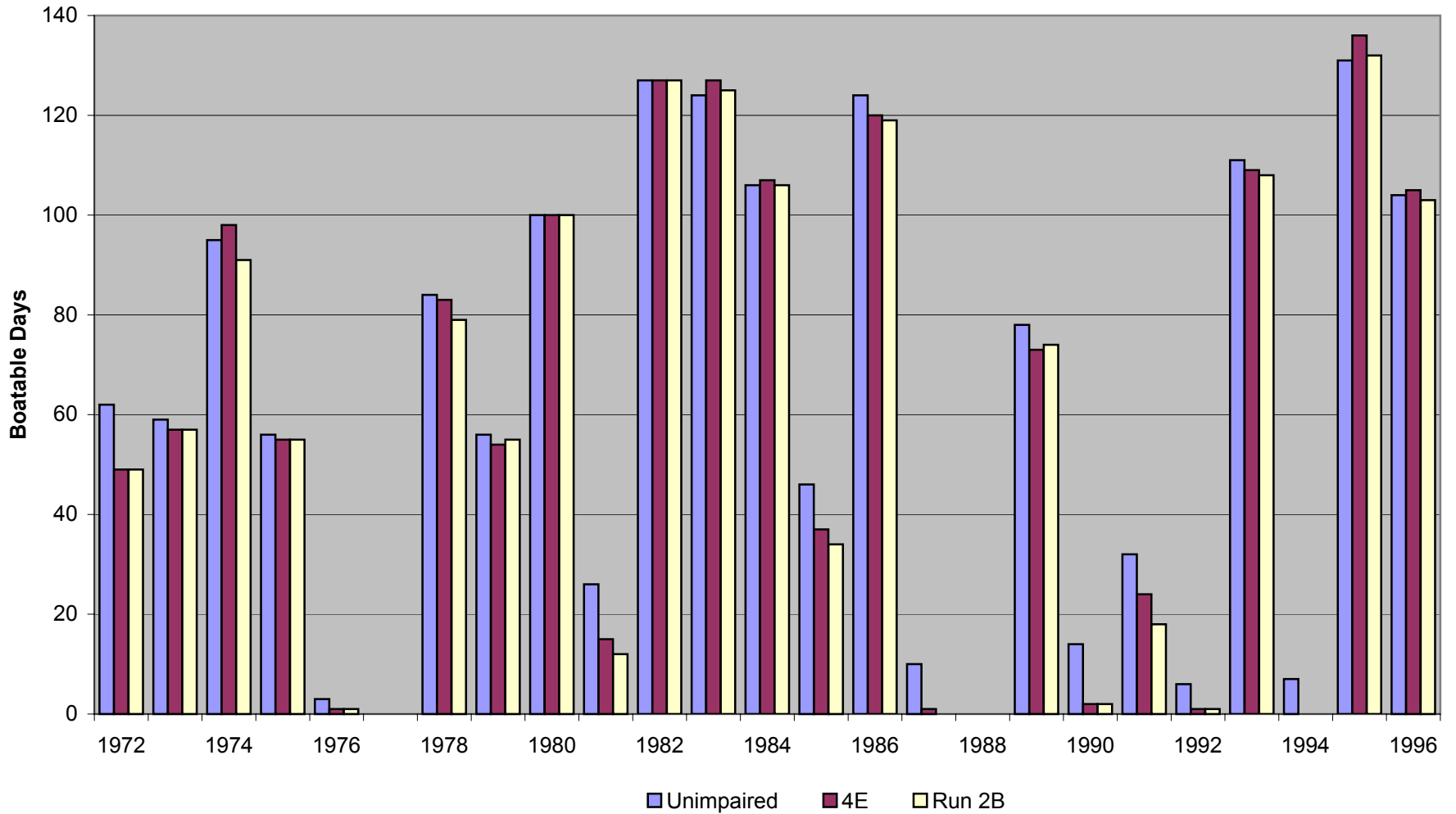
Riverton-Peavine Run

July Boatable Days



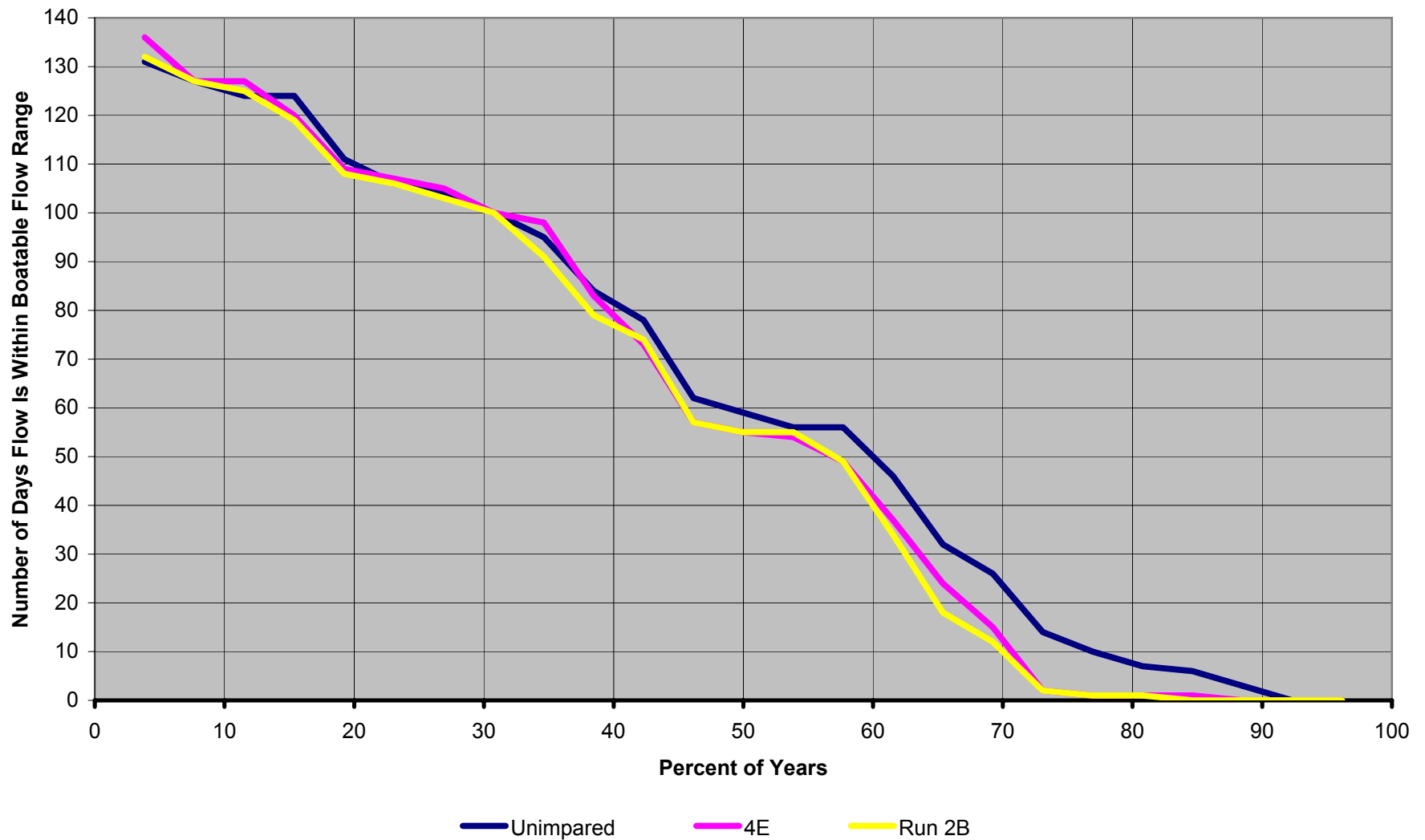
Riverton-Peavine Run

Annual Boatable Days



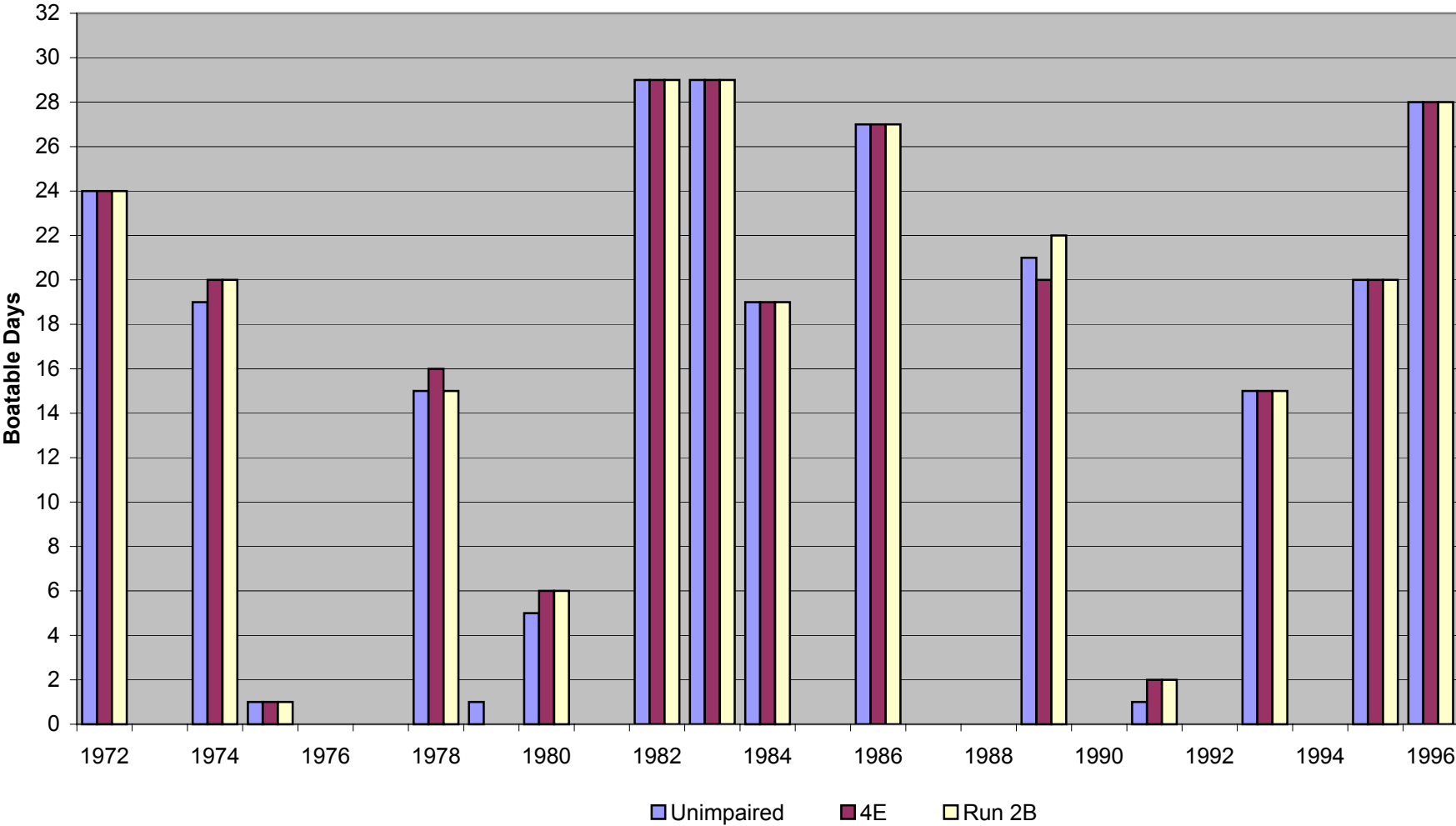
Riverton to Peavine

Annual Frequency



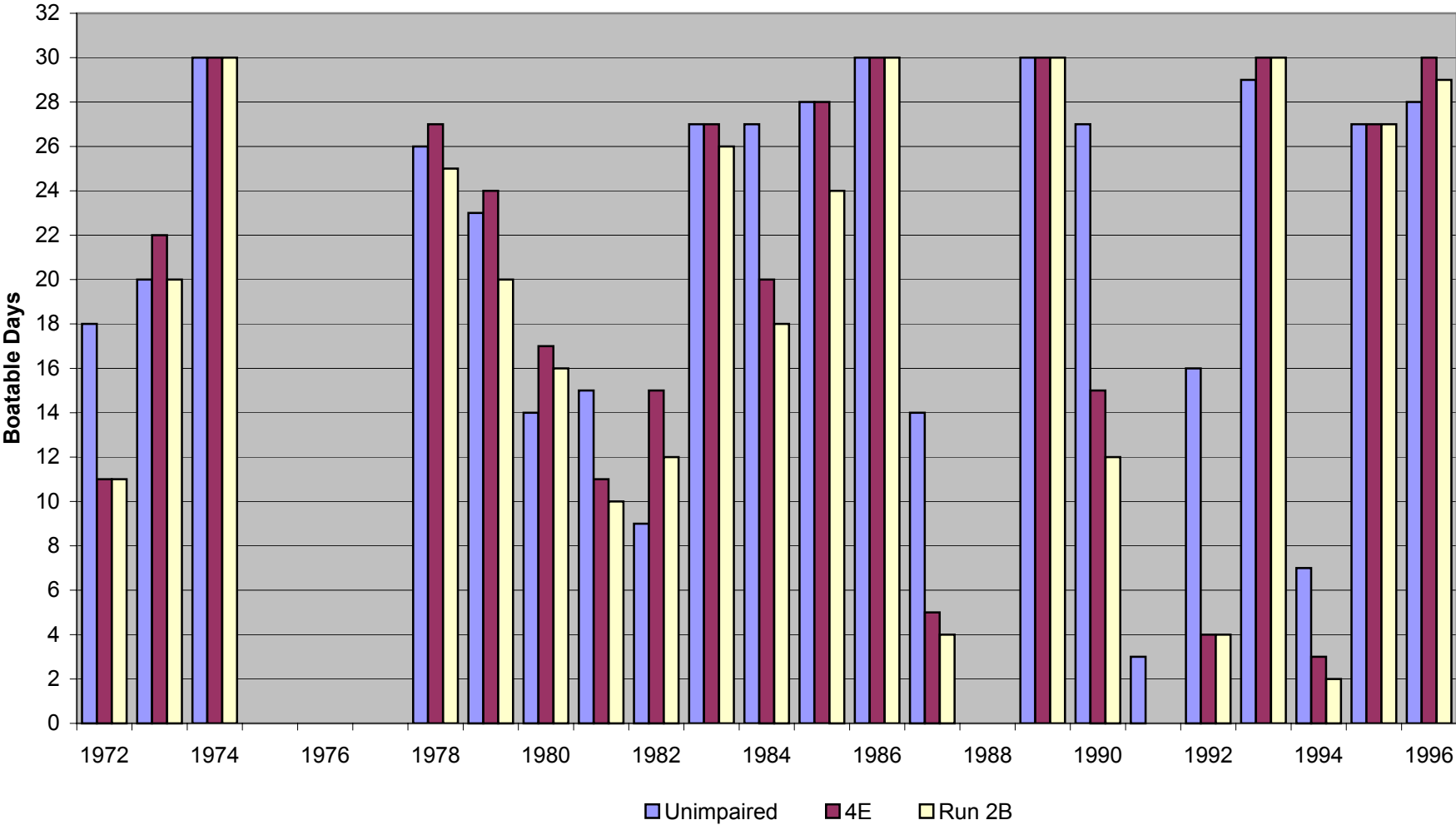
Golden Gate Run

March Boatable Days



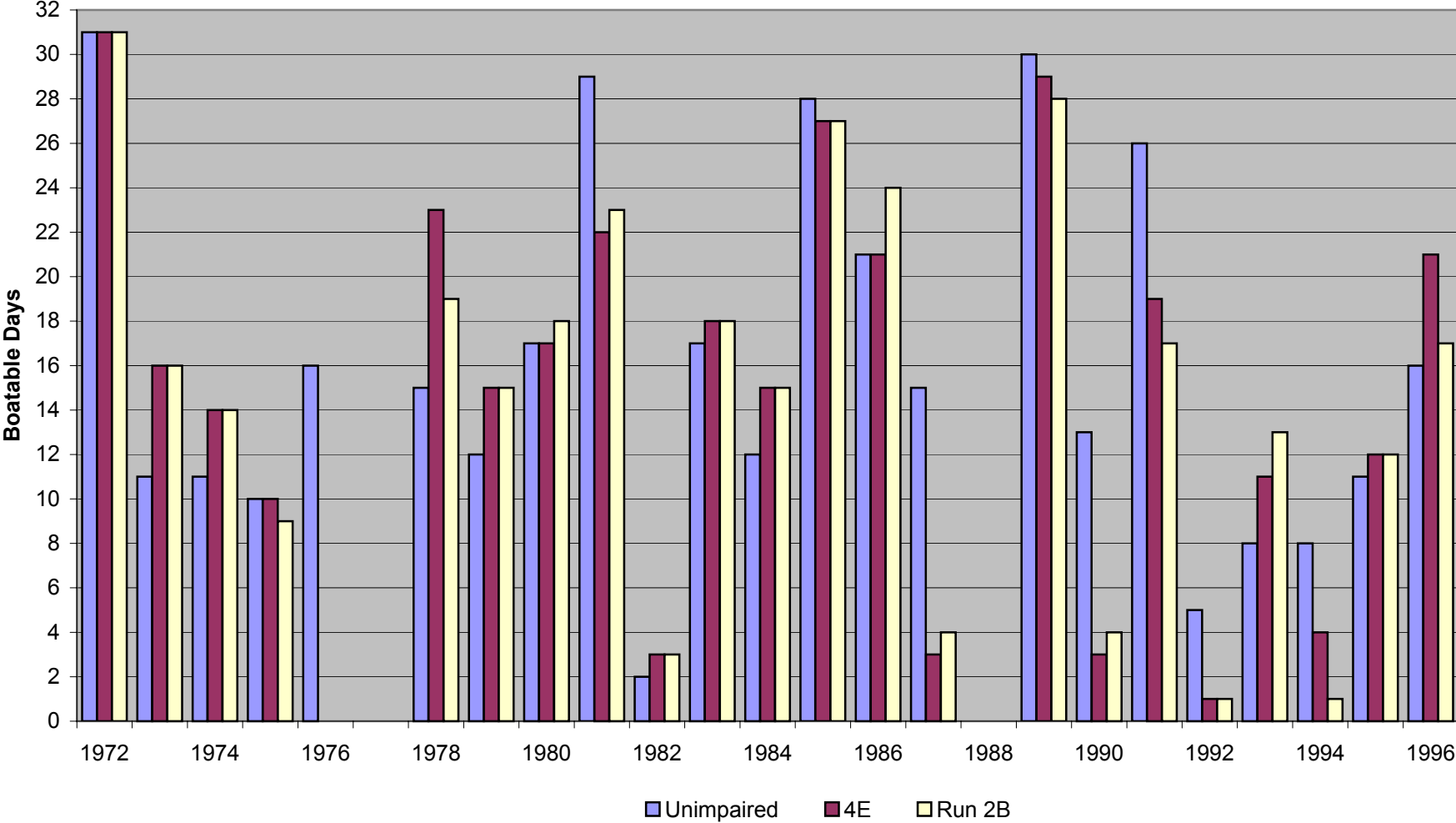
Golden Gate Run

April Boatable Days



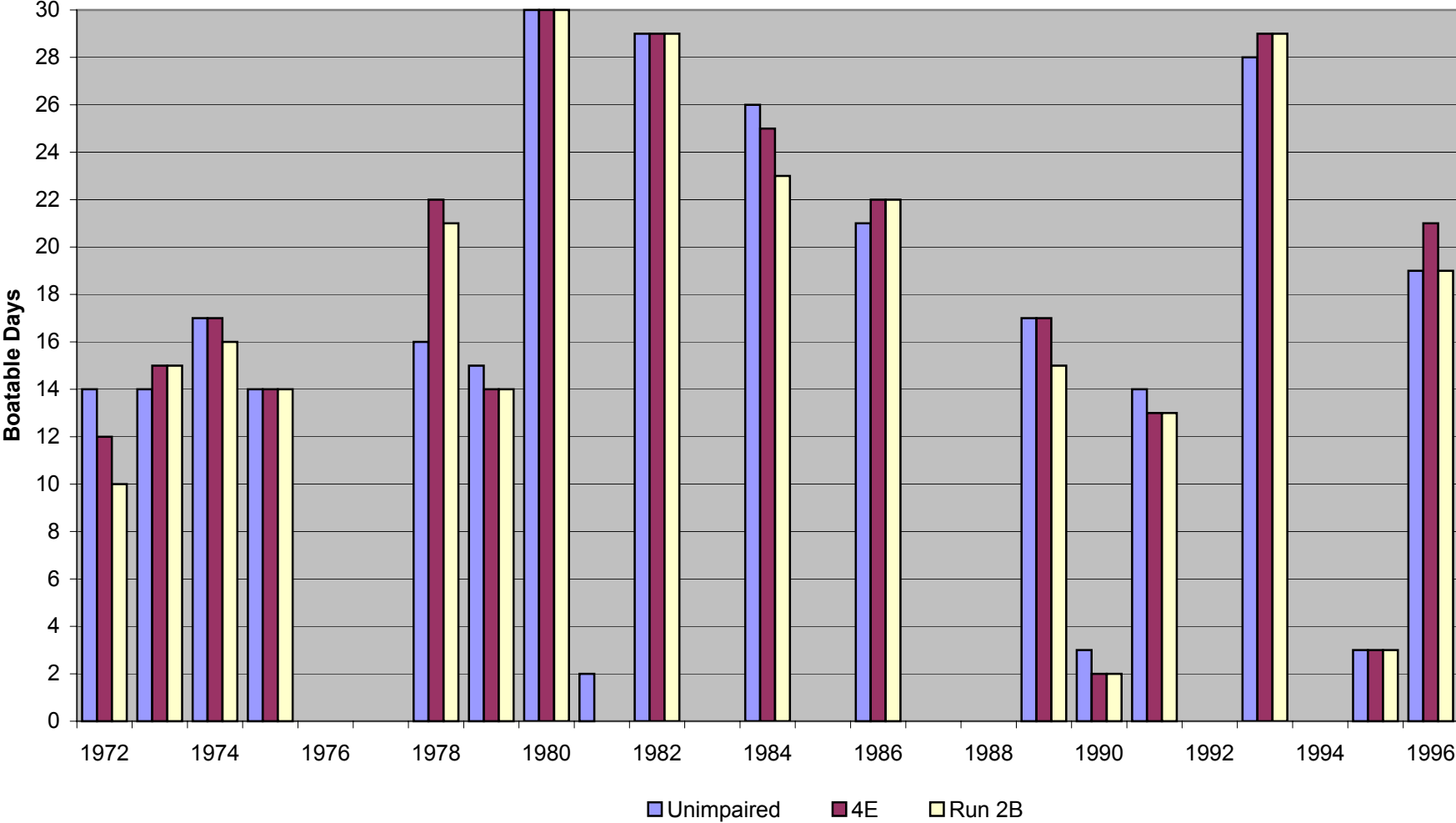
Golden Gate Run

May Boatable Days



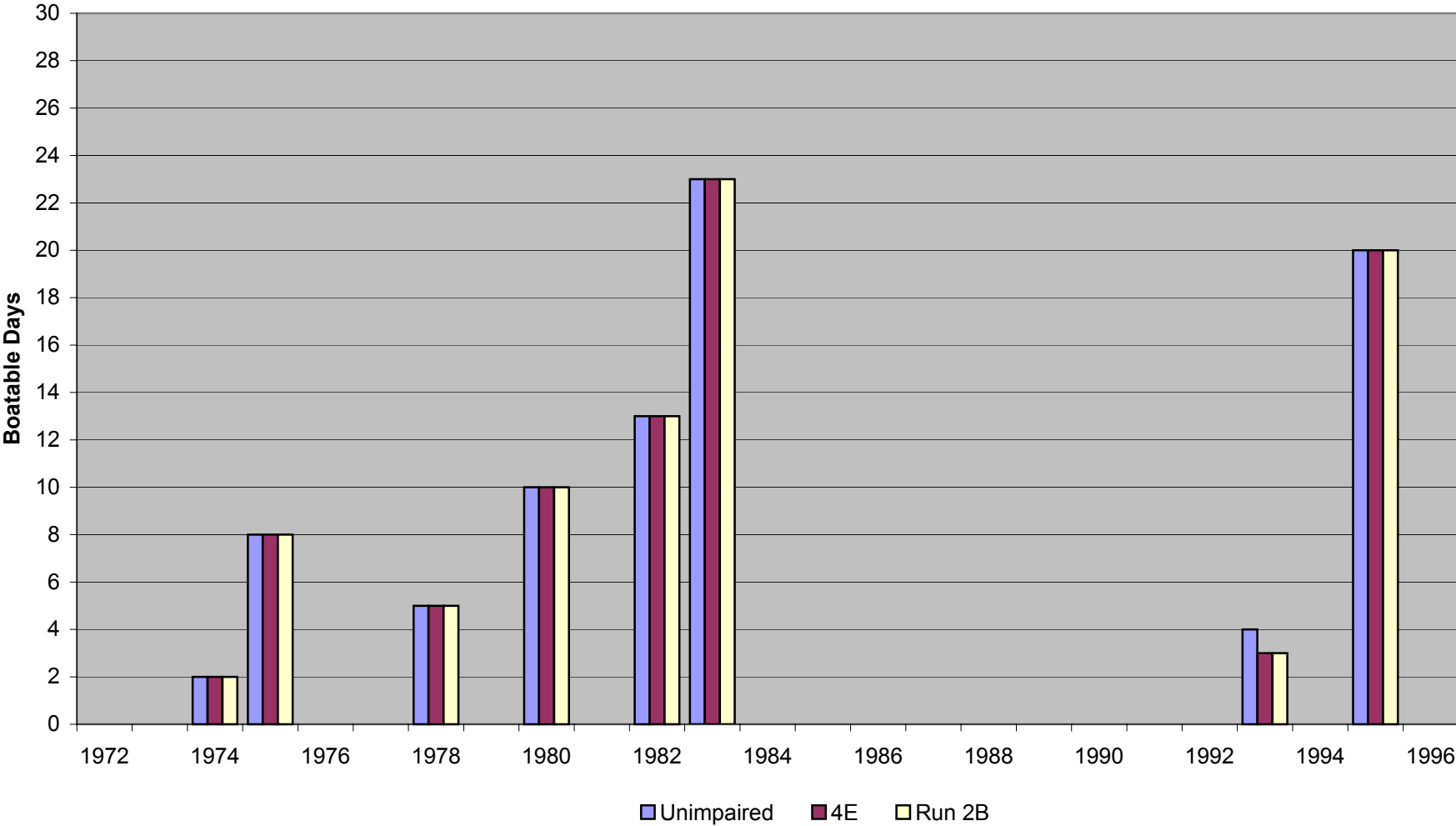
Golden Gate Run

June Boatable Days



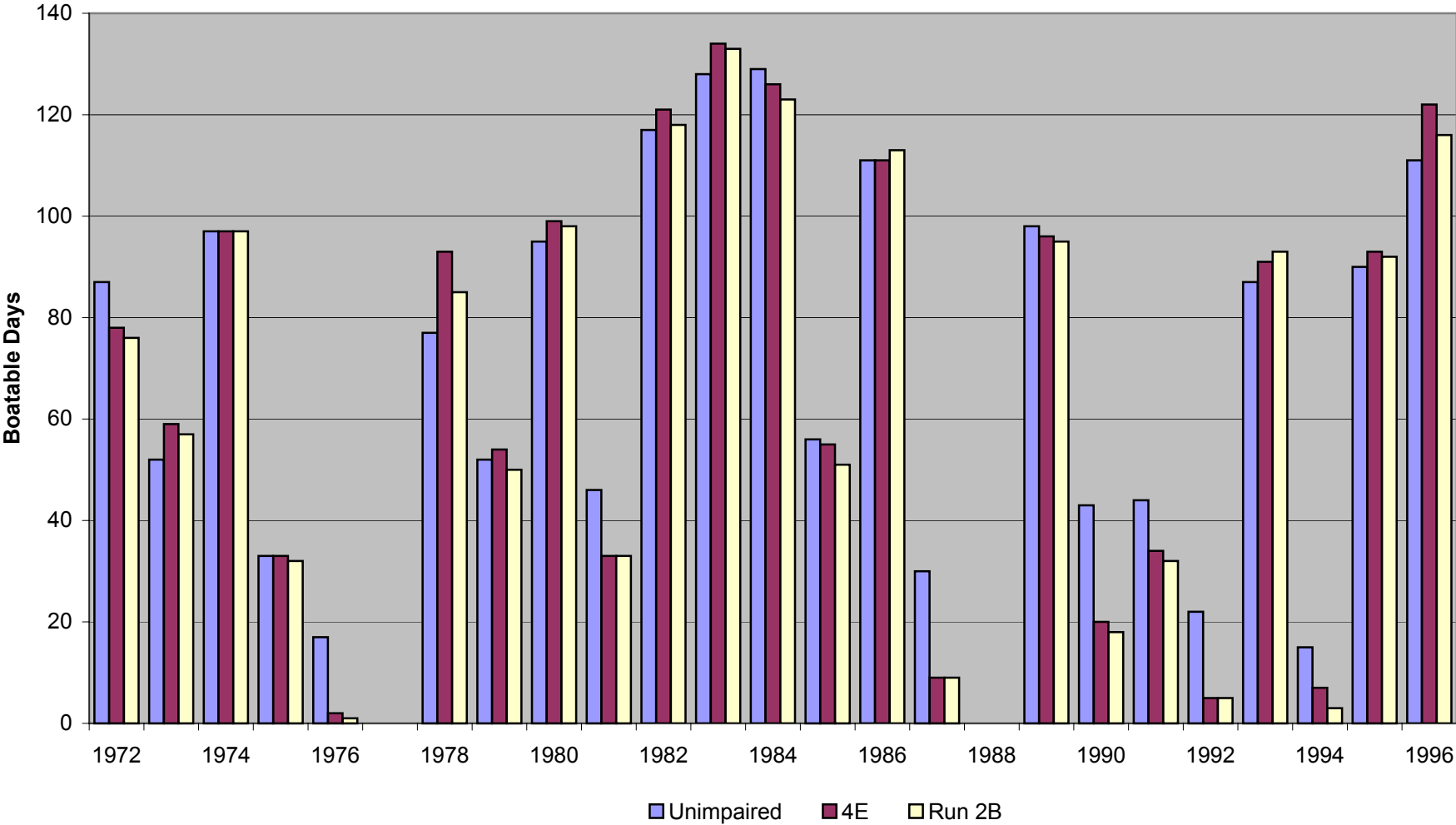
Golden Gate Run

July Boatable Days



Golden Gate Run

Annual Boatable Days



Golden Gate Run

Annual Frequency

